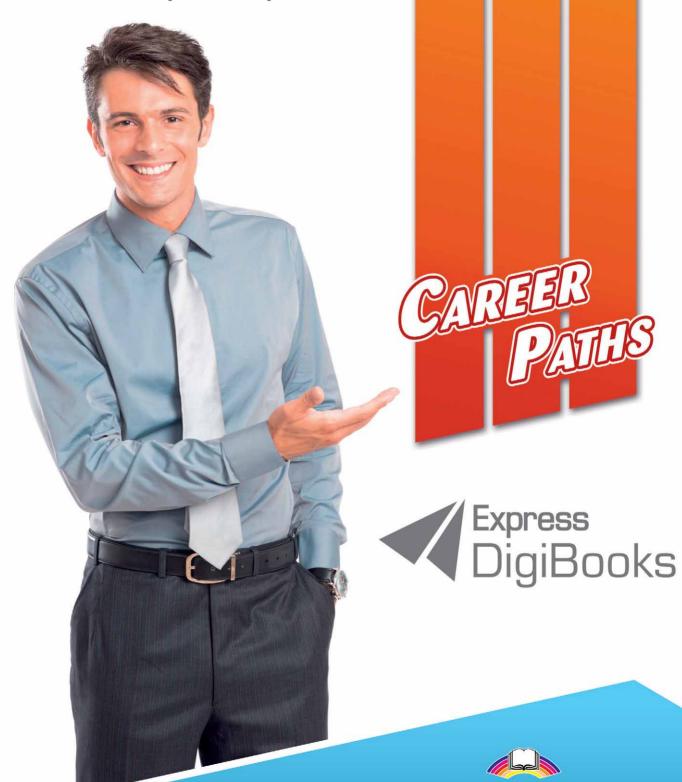


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# **English for Specific Purposes**

CEFR Level: A1 – B1

| Accounting                         | Firefighter                    | Natural Resources II - Mining |
|------------------------------------|--------------------------------|-------------------------------|
| Agricultural Engineering           | Fishing & Seafood Industry     | Navy                          |
| Agriculture                        | Fitness Training               | Nuclear Engineering           |
| Air Force                          | Flight Attendant               | Nursing                       |
| Architecture                       | Food Service Industries        | Nutrition & Dietetics         |
| Art & Design                       | Genetic Engineering            | Paramedics                    |
| Au Pair                            | Geography                      | Pet Care                      |
| Automotive Industry                | Geology                        | Petroleum I                   |
| Banking                            | Healthcare Management          | Petroleum II                  |
| Beauty Salon                       | Hotels & Catering              | Physician Assistant           |
| Business English                   | Human Resources                | Physiotherapy                 |
| Call Centers                       | Industrial Assembly            | Plant Production              |
| Chemical Engineering               | Industrial Engineering         | Plumbing                      |
| Cinematography                     | Industrial Safety              | Police                        |
| Civil Aviation                     | Information Technology         | Psychology                    |
| Civil Engineering                  | Insurance                      | Public Relations              |
| Command & Control                  | Journalism                     | Rail Transportation           |
| Computer Engineering               | Kindergarten Teacher           | Real Estate                   |
| Computing                          | Landscaping                    | Sales and Marketing           |
| Construction I – Buildings         | Law                            | Science                       |
| Construction II – Roads & Highways | Logistics                      | Secretarial                   |
| Cooking                            | Management I                   | Security Personnel            |
| Criminology                        | Management II                  | Social Media Marketing        |
| Dental Hygienist                   | Marine Engineering             | Software Engineering          |
| Dentistry                          | MBA English                    | Sports                        |
| Elder Care                         | Mechanical Engineering         | TAXI Drivers                  |
| Electrical Engineering             | Mechanics                      | Engineering                   |
| Electrician                        | Medical                        | Tourism                       |
| Electronics                        | Medical Equipment Repair       | Travel Agent                  |
| Emergency Management               | Merchant Navy                  | University Studies            |
| Engineering                        | Motion Picture Production      | Waste Management              |
| Environmental Engineering          | Museum Management &            | Wireless Communications       |
| Environmental Science              | Curatorship                    | World Cup                     |
| Facilities Maintenance             | Natural Gas I                  | Worldwide Sports Events       |
| Fast Food                          | Natural Gas II                 |                               |
| Finance                            | Natural Resources I – Forestry |                               |



# **Career Paths**

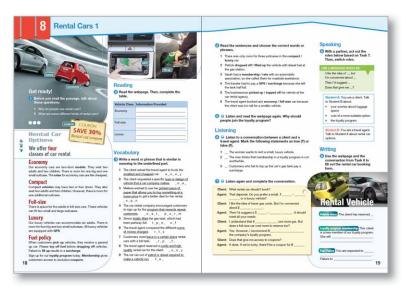
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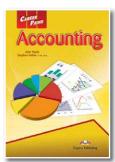






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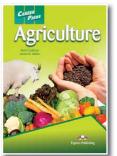




Accounting



**Agricultural Engineering** 



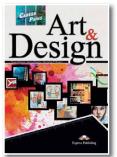
Agriculture



Air Force



Architecture



Art & Design



Au Pair



**Automotive Industry** 

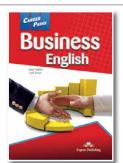


**Beauty Salon** 



BANKING

Banking



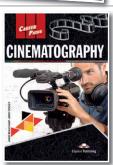
**Business English** 



**Call Centers** 



**Chemical Engineering** 



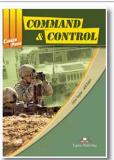
Cinematography



**Civil Aviation** 



**Civil Engineering** 



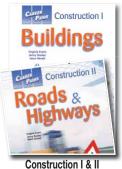
**Command & Control** 



**Computer Engineering** 

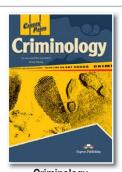


Computing





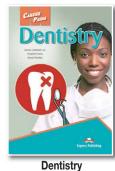
Cooking



Criminology



**Dental Hygienist** 





**Elder Care** 



**Electrical Engineering** 



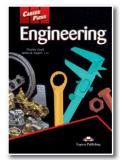
Electrician



**Electronics** 



**Emergency Management** 



Engineering



**Environmental Engineering** 



**Environmental Science** 



**Facilities Maintenance** 



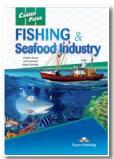
**Fast Food** 



**Finance** 



Firefighter



Fishing & Seafood Industry



**Fitness Training** 



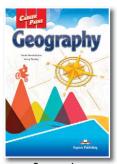
Flight Attendant



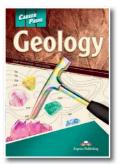
**Food Service Industries** 



**Genetic Engineering** 



Geography



Geology



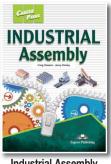
**Healthcare Management** 



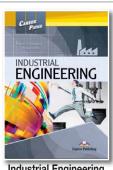
**Hotels & Catering** 



**Human Resources** 



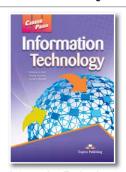
**Industrial Assembly** 



**Industrial Engineering** 



**Industrial Safety** 



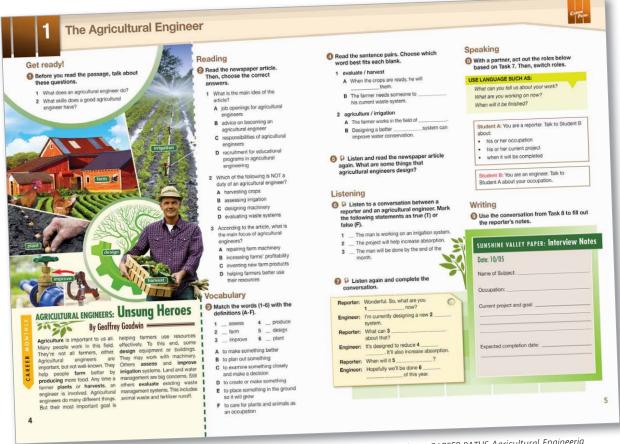
Information Technology



Insurance



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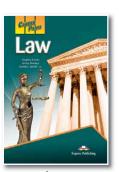
Journalism



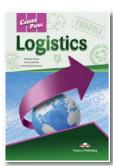
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Law



Logistics



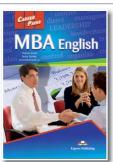
Management I



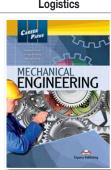
Management II



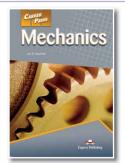
Marine Engineering



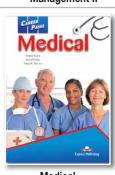
**MBA English** 



**Mechanical Engineering** 



Mechanics



Medical



**Medical Equipment Repair** 



**Merchant Navy** 

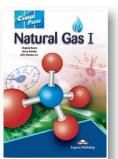


**Motion Picture Production** 

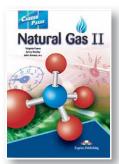




Museum Management & Curatorship



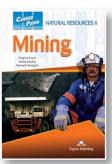
Natural Gas I



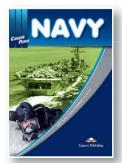
Natural Gas II



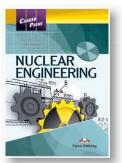
Natural Resources I



Natural Resources II



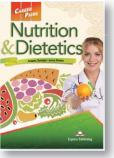
Navy



**Nuclear Engineering** 



Nursing



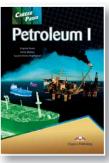
**Nutrition & Dietetics** 



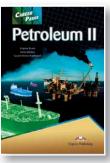
**Paramedics** 



**Pet Care** 



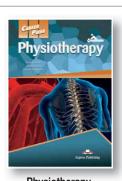
Petroleum I



Petroleum II



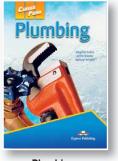
**Physician Assistant** 



Physiotherapy



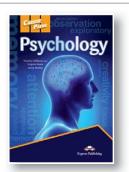
**Plant Production** 



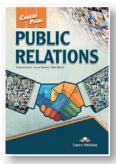
Plumbing



Police



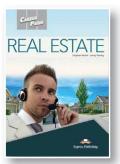
Psychology



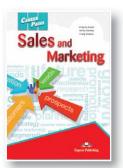
**Public Relations** 



**Rail Transportation** 



Real Estate



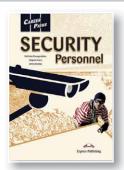
Sales and Marketing



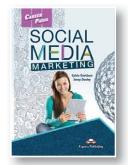
Science



Secretarial



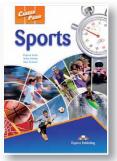
**Security Personnel** 



**Social Media Marketing** 



**Software Engineering** 



**Sports** 



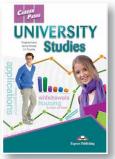
**Taxi Drivers** 



**Tourism** 



**Travel Agent** 



**University Studies** 



**Waste Management** 



**Wireless Communications** 



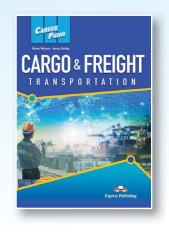
**World Cup** 



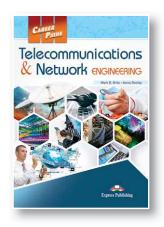
**Worldwide Sports Events** 











# Telecommunications & Network Engineering

# CAREER PATHS APPS CAN BE USED

**Anytime** 

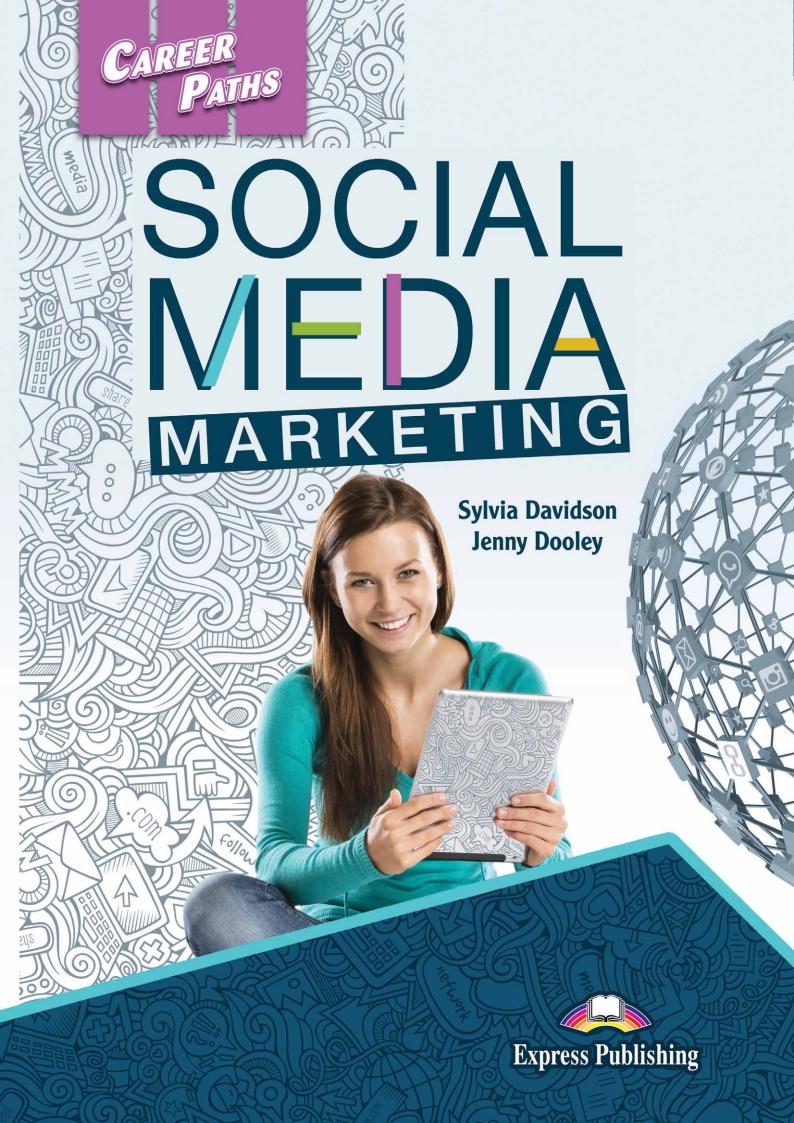
Anywhere Anyhow



1 What are some different types of trains?
2 What types of trains are used in metropolitan areas?

- Key Features
- Complete digital version of book
- Subject specific videos
- Instant feedback on all tasks
- Progress monitoring reports
- Career-specific dialogues preparing students to use the language in real-life situations
- Vocabulary presentation through visual prompts and audio
- Vocabulary practice through a wide variety of exercises
- Listening practice helps students develop their listening skills
- Glossary of terms and phrases with pictures, definitions, examples and audio





|       | Unit 1 – Media Now and Then                       | 4    |
|-------|---|------|
|       | Unit 2 – Technology and Media Devices             | 6    |
|       | Unit 3 – Features of a Social Networking Site     |      |
|       | Unit 4 – Basic Actions                            |      |
|       | Unit 5 – Communication Methods: Text              |      |
|       | Unit 6 – Communication Methods: Audio             |      |
|       | Unit 7 – Communication Methods: Images            |      |
|       | Unit 8 – Communication Methods: Video.            |      |
| ook ) |   |      |
| 4     | Unit 9 – Features of Social Media.                |      |
|       | Unit 10 – Benefits for Businesses and Individuals |      |
|       | Unit 11 – Information Sourcing                    |      |
|       | Unit 12 – Online Culture                          |      |
|       | Unit 13 – Metrics 1                               |      |
|       | Unit 14 – Metrics 2                               | . 30 |
|       | Unit 15 - Describing Change                       | . 32 |
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|       | Unit 2 – Official News Sources                    | 6    |
|       | Unit 3 – Compelling Content                       | 8    |
|       | Unit 4 – Campaigns on Social Media                | . 10 |
|       | Unit 5 – Social Capital                           |      |
|       | Unit 6 – Celebrities on Social Media.             |      |
|       | Unit 7 – Social Media Management                  |      |
|       | Unit 8 – Advertising in Social Media              |      |
| ook ) | Unit 9 – The Power of Social Media                |      |
| 2     | Unit 10 – Social Media Campaigns in Politics      |      |
| _     | Unit 11 – Corporate Social Responsibility         |      |
|       |   |      |
|       | Unit 12 – Editorial Ethics                        |      |
|       | Unit 13 – Corporate Ethics.                       |      |
|       | Unit 14 – Challenges of Social Media              |      |
|       | Unit 15 – Teenagers and Social Media              |      |
|       | Glossary  | . 34 |
| _     |   |      |
|       | Unit 1 – Social Media-Based Crowdfunding          |      |
|       | Unit 2 – Apps: Pre and Post Launch Strategies     |      |
|       | Unit 3 – App Software Features                    |      |
|       | Unit 4 – Information Security                     | . 10 |
|       | Unit 5 – Business Conduct Online                  | . 12 |
|       | Unit 6 – Data Usage and Protection                | . 14 |
| _     | Unit 7 – Speech Regulation                        | . 16 |
| ook   | Unit 8 – Offensive and Illegal Content            | . 18 |
| OUK ) | Unit 9 – Intellectual Property                    | . 20 |
| 3′    | Unit 10 – Legal Procedures                        |      |
| 1     | Unit 11 – Start-Up Funding                        |      |
|       | Unit 12 – Investing in a Start-up                 |      |
|       | Unit 13 – Digital Media Technology Studies        |      |
|       | Unit 14 – Careers in Social Media.                |      |
|       | Unit 15 – The Future of Social Media              |      |
|       | Glossary  | . 34 |
|       |   |      |

# Communications Methods: Audio

### Get ready!

- Before you read the passage, talk about these questions.
  - 1 What are some different types of online audio?
  - 2 What kinds of audio do you listen to?



From: Jackson Lambert, media consultant To: Cynthia Fitzgerald, Producer Subject: Webcast of the show

### Cynthia,

C

I just received the latest **ratings** about our show. The **webcast** continues to grow in popularity. So, maybe it's time to expand. I think we should **launch** a **podcast!** Then, users will actually be able to download it. For some users, that's more convenient than **streaming**. After all, it doesn't require a **constant** Internet connection.

Additionally, we can **archive** each show as we create more in the **series**. That gives users the option to **listen** to shows we already **recorded**. Also, some listeners are really only interested in the **music**. So, we could have a music-only segment. People could listen to songs without the **hosts' voices** in between. But other listeners could still access the full **audio**.

I'd love to hear your opinion about this.

Jackson

### Reading

2 Read the email. Then, complete the table.

| Feature                              | Benefit   |
|--------------------------------------|---|
| A podcast in addition to the webcast | 1   |
| 2                                    | Users may listen to shows that were previously broadcast. |
| A music-only segment                 | 3   |

### Vocabulary

Match the words (1-6) with the definitions (A-F).

 1
 \_\_ listen
 4
 \_\_ streaming

 2
 \_\_ music
 5
 \_\_ voice

 3
 \_\_ series
 6
 \_\_ archive

A sound from voices or instruments that people listen to

**B** the process of transmitting data on a device without downloading it

C a group of several similar things that follow one after the other

D the sound that someone makes when he or she speaks

E to pay attention to a sound

F to store something in an organized system

4 Write a word that is similar in meaning to the underlined part.

1 The woman listened to a <u>digital audio file that is</u> available on the Internet.

2 Users pay for the news <u>broadcast that someone</u> <u>views or listens to on the Internet</u>.

**3** The technician specializes in <u>recordings that consist of sounds</u>, but not images.

**4** The singer <u>creates electronic versions of sounds</u> in her studio.

6 Listen and read the email again. What part of a website do users usually visit to listen to old webcasts?

### Listening

- 6 Solution Listen to a conversation between a producer and a media consultant. Choose the correct answers.
  - 1 What is the woman happy about?
    - A Getting a promotion
    - B The new webcast series
    - C The webcast's popularity
    - D The new webcast show
  - 2 How is the podcast going to enhance users' experience?
    - A Users will be able to stream each show
    - B Users will be able to download each show
    - C Users will be able to have constant Internet connection
    - D Users will only have access to music
- Section 19 Complete the Property of the Pro conversation.

Media Consultant: Hi Cynthia, I just received the

latest 1 \_\_\_\_\_ about our

show. They are looking good!

**Producer:** That's fantastic. I am happy the

webcast is growing 2 \_\_\_\_\_

Media Consultant: I think it is time to 3

a level and launch a

podcast! What do you think?

Producer: How will this enhance users'

4 ?

Media Consultant: Well, users will be able to

download the show, which is

more 5 \_\_\_\_\_ than streaming.

Producer: So, that means they don't need

to have a constant 6

### Speaking

With a partner, act out the roles below based on Task 7. Then, switch roles.

### **USE LANGUAGE SUCH AS:**

I think it is time to ... What do you think? How will this enhance ...? In addition, we can ...

Student A: You are a media consultant. Talk to Student B about:

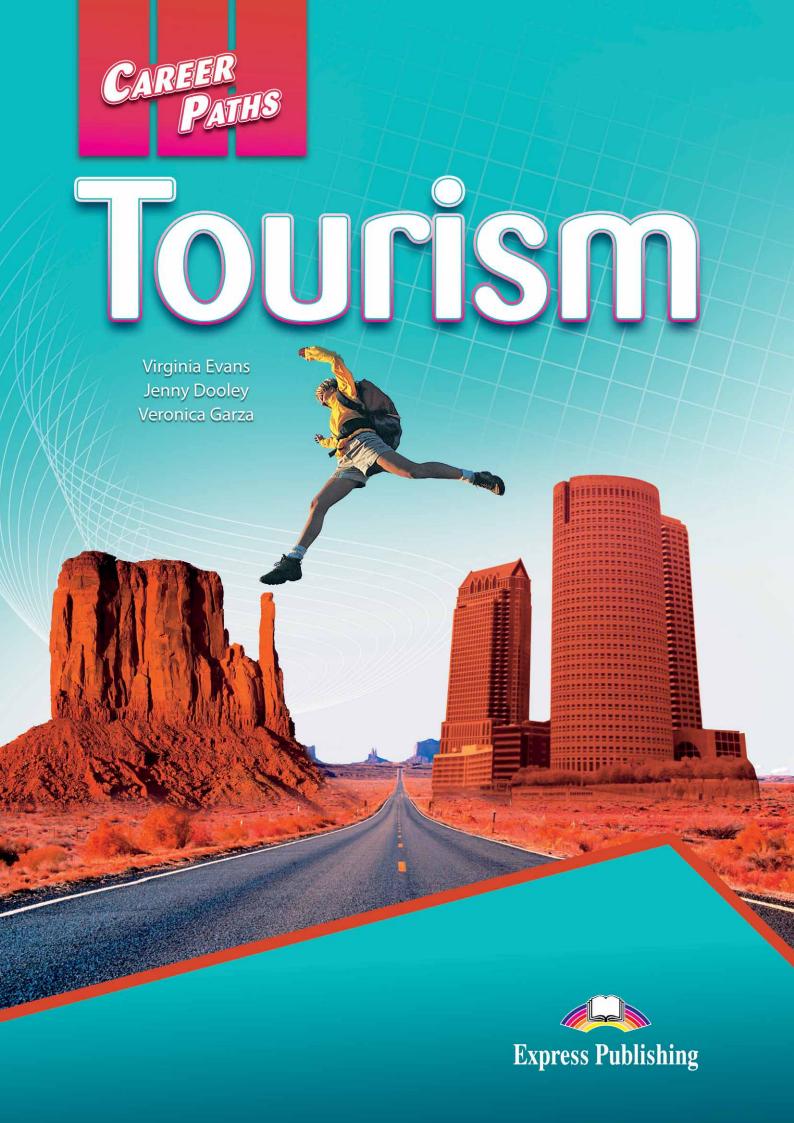
- launching a podcast
- how it will enhance user's experience
- extra options for users

Student B: You are a producer of a radio show. Talk to Student A about launching a podcast.

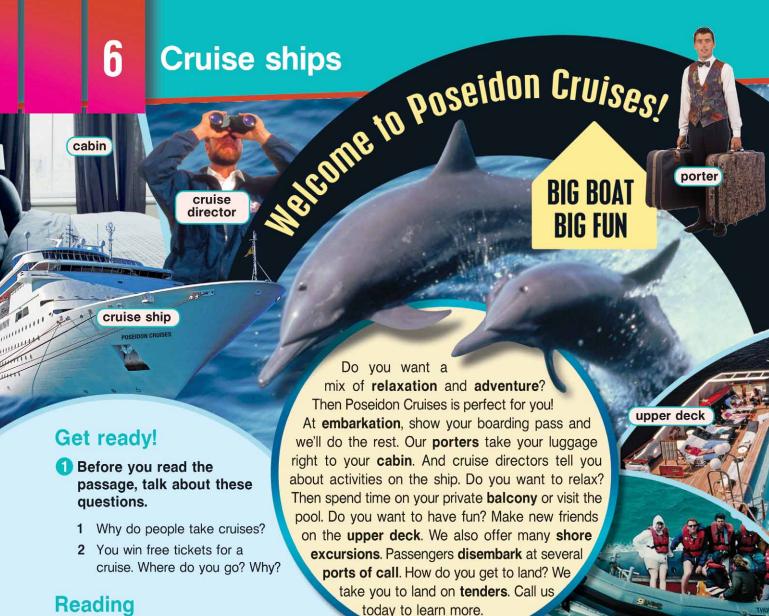
### Writing

Use the conversation from Task 8 to complete the advertisement.

| VOLUME-NATION            |     |
|--------------------------|-----|
| Launching a new Podcast! |     |
| Volume-Nation is         | _   |
|                          | - * |
| Now you can              |     |
| Access old shows by      |     |
| What's new!! You can now | ·   |



|      | Unit 1 – About your guest                         | 4  |
|------|---|----|
|      | Unit 2 - On the phone                             | 6  |
|      | Unit 3 – Types of Restaurants                     | 8  |
|      | Unit 4 – Lodging                                  |    |
|      | Unit 5 – At the airport                           |    |
|      | Unit 6 – Cruise ships                             |    |
|      | Unit 7 – Train travel                             |    |
| Book | Unit 8 – Bus travel                               |    |
|      | Unit 9 – Renting a car.                           |    |
| 1/   | Unit 10 – How do you pay?                         |    |
| 100  | Unit 11 – Where to get money                      |    |
|      | Unit 12 – At the currency exchange office         |    |
|      | Unit 13 – How much does it cost?                  |    |
|      | Unit 14 – Giving warnings about crime             |    |
|      | Unit 15 – Avoiding illness abroad                 |    |
|      | Glossary  |    |
|      | diosaly   | 0- |
|      | Unit 1 – Cultural differences                     | 1  |
|      | Unit 2 – Travel packages                          |    |
|      | Unit 3 – Giving directions.                       |    |
|      | Unit 4 – Getting to and from the airport.         |    |
|      | Unit 5 – Talking about the weather.               |    |
|      |   |    |
|      | Unit 6 – International travel                     |    |
|      | Unit 7 – Airport security                         |    |
| Book | Unit 8 – Airport procedures                       |    |
| \2/  | Unit 9 – Travel delays                            |    |
| _    | Unit 10 – Where's my baggage?                     |    |
|      | Unit 11 – Explaining the bill                     |    |
|      | Unit 12 – Negotiating prices                      |    |
|      | Unit 13 – Locating help                           |    |
|      | Unit 14 – Emergency!                              |    |
|      | Unit 15 – Talking about symptoms                  |    |
|      | Glossary  | 34 |
|      |   |    |
|      | Unit 1 – Communicating by email                   |    |
|      | Unit 2 – Taking a message                         |    |
|      | Unit 3 – Taking reservations                      |    |
|      | Unit 4 – Changing a reservation                   |    |
|      | Unit 5 – Problems with reservations               | 12 |
|      | Unit 6 – Difficult customers                      |    |
|      | Unit 7 – Farewell                                 |    |
| Book | Unit 8 – Methods of transportation                |    |
| (3)  | Unit 9 – Local attractions.                       |    |
| 0    | Unit 10 – On a tour                               | 22 |
| 1    | Unit 11 - Discussing rules and policies on a tour | 24 |
|      | Unit 12 – Release forms                           | 26 |
|      | Unit 13 – Job advertisements                      | 28 |
|      | Unit 14 - Preparing your curriculum vitae         | 30 |
|      | Unit 15 – Getting a job                           | 32 |
|      | Classan   | 2/ |



Reading

Listen and read a part of a brochure for a cruise ship. Where can you make new friends? Choose the correct answers.

- 1 What does the brochure mainly talk about?
  - A how to buy a cruise ship ticket
  - B the types of rooms available on a ship
  - C the fun parts of traveling on a cruise ship
  - D why cruise ships are good for families
- 2 One of the porter's duties is to ...
  - A pack your luggage.
  - B put your bags in your room.
  - C inform about activities on the ship.
  - D help passengers get on tenders.
- 3 According to the passage, what does a person do on the upper deck?
  - A visit the pool
  - B get on a tender
  - C have lunch
  - D meet people

## Vocabulary

Read the sentence pairs. Choose where the words best fit in the blanks.

tender

|   | relaxation / adventure  |
|---|---|
|   | Mick does not want a lot of activity. He wantsduring his holiday. |
|   | Rita climbs a mountain because she enjoys the                     |
|   | embarkation / shore excursion                                     |
|   | Penny visits a new city. She is on a(n)                           |
|   | <del></del>   |
|   | Oscar shows his ticket at   |
| } | porter / cruise director  |
|   | Ulysses is a He handles the                                       |
|   | passenger's luggage.  |
|   | Miranda is a She tells passenger about activities.                |

| 4 Match | the | words | (1-6) | with | the | definition | ıs |
|---------|-----|-------|-------|------|-----|------------|----|
| (A-F).  |     |       |       |      |     |            |    |

| 1 | cabin      | 4 | disembark   |
|---|------------|---|-------------|
| 2 | balcony    | 5 | port of cal |
| 3 | upper deck | 6 | tenders     |

- A to get off of a ship
- B a place where ships stop
- C the top part of a ship
- D a room on a ship where passengers sleep
- E small boats that take passengers from the cruise ship to land
- F a small outdoor area that is attached to cabins

### Listening

- 5 Listen to a cruise director make an announcement. Then answer the questions.
  - 1 What does the cruise director talk about?
    - A a stop at a port of call
    - B a shore excursion
    - C things to do on the ship
    - D problems with the dining area
  - 2 According to the announcement, what activity takes place at 10 am?
    - A games on the upper deck
    - B lunch in the dining room
    - C passengers watch a movie
    - D a play in the theater

### 6 Listen again. Fill in the blanks.

| Cruise Director: | Hello, ladies and 1                 |
|------------------|-------------------------------------|
|                  | Welcome to the Grande Dame.         |
|                  | This is your 2                      |
|                  | There are many                      |
|                  | activities on the Grande Dame       |
|                  | today. At 10 am, join us on the     |
|                  | 3 for                               |
|                  | games. Then we have lunch at        |
|                  | 4 At 2 pm, watch a                  |
|                  | movie at the ship theater. The      |
|                  | theater is on 5                     |
|                  | Finally, dinner is at               |
|                  | 6 pm. The <b>6</b>                  |
|                  | is on Deck 10. Have                 |
|                  | a wonderful day on our cruise ship! |

### **Speaking**

With a partner, act out the roles below, based on the announcement from Task 6. Decide who Student A and Student B are. Then switch roles.

### **USE LANGUAGE SUCH AS:**

At 10 am, join us on the ... for ...

We have ... at 6 pm

The theater is on the Deck ...

Student A: You are a passenger on a cruise ship. Ask Student B about:

- · activities on the ship
- times of the activities
- · location of the activities

Student B: You are a cruise director on a cruise ship. Answer Student A's questions.

### Writing

(3) Use the conversation in Task 7 to fill out the schedule for the cruise ship.

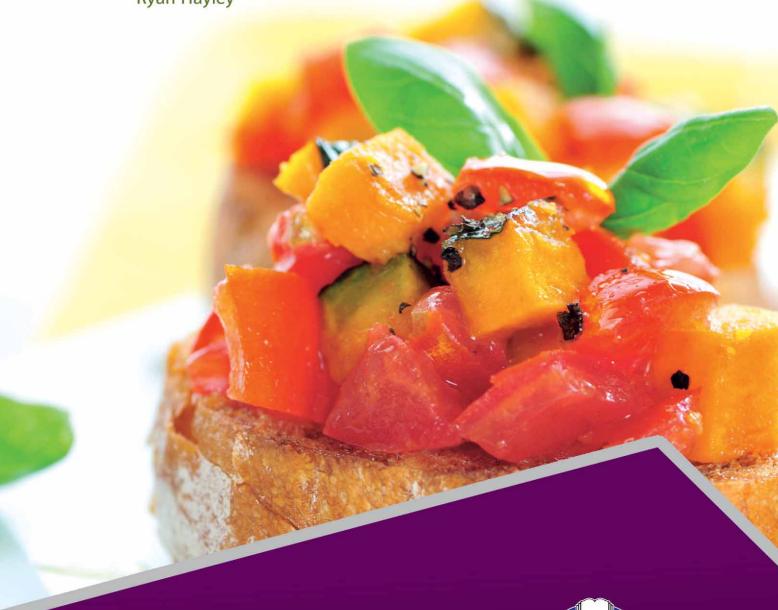
## Grande Dame

Schedule of Events for Monday

| Time     | Activity  | Location    |
|----------|-----------|-------------|
| 8:00 AM  | Breakfast | Dining room |
|          |           |             |
|          |           |             |
|          |           |             |
| 12:00 PM | Lunch     | Dining Room |
|          |           |             |
|          |           |             |
|          |           |             |
| 0        |           | 0           |



Virginia Evans Jenny Dooley Ryan Hayley





| ſ         | Unit 1 – The Kitchen                  |
|-----------|---------------------------------------|
|           | Unit 2 – People in the Kitchen        |
|           | Unit 3 – People in a Restaurant8      |
|           | <b>Unit 4 – Tools 1</b>               |
|           | <b>Unit 5 – Tools 2</b>               |
|           | <b>Unit 6 – Tools 3</b>               |
| I         | <b>Unit 7 – Appliances</b>            |
|           | Unit 9 – Racio Actione 1              |
| Boo       | Unit 9 – Basic Actions 2              |
| <b>`1</b> | Unit 10 – Flavors                     |
|           | Unit 11 – Measurements 1              |
|           | Unit 12 – Measurements 2              |
|           | Unit 13 – Food Safety                 |
|           | Unit 14 – Kitchen Safety              |
|           | Unit 15 – Nutrition                   |
|           | Glossary                              |
| L         | · · · · · · · · · · · · · · · · · · · |
| Г         | Unit 1 – Meats                        |
|           | Unit 2 – Seafood 6                    |
|           | Unit 3 – Dairy                        |
|           | Unit 4 – Fruits                       |
|           | Unit 5 – Vegetables.                  |
|           | Unit 6 – Spices and Herbs             |
|           | Unit 7 – Pastas                       |
|           | Linit 9 Grains and Lagumes            |
| Boo       | Unit 9 – Pastry                       |
| \ 0       | Unit 10 – Bread                       |
|           | Unit 11 – Breakfast                   |
|           | Unit 12 – Lunch                       |
|           | Unit 13 – Dinner                      |
|           | Unit 14 – Desserts 1                  |
|           | Unit 15 – Desserts 2                  |
|           | Glossary                              |
| L         | Glossary                              |
| Г         | Unit 1 – Stock                        |
|           | Unit 2 – Soups                        |
|           | Unit 3 – Sauces                       |
|           | Unit 4 – Salads                       |
|           |                                       |
|           | Unit 5 – Grilling and Broiling        |
|           | Unit 6 – Roasting                     |
|           | Unit 7 – Braising                     |
| Boo       |                                       |
| / 2       | / Unit 9 – Frying                     |
| U         | Unit 10 – Steaming                    |
|           | Unit 11 – Buffet                      |
|           | Unit 12 – Sanitization and Hygiene    |
|           | Unit 13 – Inventory Management        |
|           | Unit 14 – Training                    |
|           | Unit 15 – Career Options              |
|           | (-Inceptable 27)                      |

## Get ready!

1 Before you read the passage, talk about these questions.

1 What kinds of soups are made with vegetables?

What kinds of soups are made with meat and seafood?





with Food Critic Allison Dale

Mailman" Newspaper

Westside Café on Bayside Drive advertises their chef as "The King of **Soups**." I visited the restaurant last weekend to find out what they mean. The soups weren't all perfect, but most of them were pretty close.

I was pleased to find that every soup at Westside Café includes home-made **broth** and fresh, local ingredients. The chef told me that he's always willing to pay extra for high-quality ingredients.

Their thick soups were excellent. The broccoli cream soup was so rich that it almost seemed like a dessert. The tomato puree was much simpler, but still delightful. I don't usually enjoy shellfish, but the clam chowder and lobster bisque were both nicely

seasoned. If you're visiting Westside Café for the first time, I recommend starting with the hearty chicken-potato **stew**. I only tried a few bites, but it was clearly the most filling meal on the menu.

The clear soups were not nearly as charming. I tried a beef consommé that seemed more like canned bouillon. The chef explained that this was due to the process of clarification, but I found it watery and uninteresting. It was the only soup I would not recommend.





## Reading

Read the newspaper article about a soup restaurant. Then, choose the correct answers.

- 1 What is the main idea of the article?
  - A best soups for different occasions
  - B ingredients in a particular kind of soup
  - C ways to maintain freshness of soups
  - D recommendations about various soups
- 2 Which soup did the reviewer dislike?
  - A tomato puree
- C lobster bisque
- B clam chowder
- D beef consommé
- 3 Which is NOT offered by the restaurant?
  - A home-made broth
  - B fresh, local ingredients
  - C thick, rich clear soups
  - D chicken-potato stew

### Vocabulary

- Write a word or phrase that is similar in meaning to the underlined part.
  - 1 The thick soup with pieces of meat and vegetables is very filling. s \_ \_ \_
  - 2 The restaurant specializes in foods made by heating ingredients in liquid. \_ o \_ \_ s
  - 3 The last step in making a consommé is the process for removing solids and impurities.

| _ ! | a | _ | _ | _ | Ī | С | _ | _ | _ | _ | n |
|-----|---|---|---|---|---|---|---|---|---|---|---|
|     |   |   |   |   |   |   |   |   |   |   |   |

4 The chef created a new recipe for a <u>soup</u> with the solids strained out.

| ^ | r | _   |
|---|---|-----|
| C |   | _ 0 |

- 5 The restaurant makes its <u>liquid bases for soups</u> in-house. \_ \_ \_ t h s
- 6 The customer prefers soups made with a mixture of solids. \_ h \_ k s \_ \_ s

4 Place the words or phrases from the word bank under the correct headings.



chowder bouillon puree cream soup consommé bisque

| Thick soups with vegetables | Thick soups<br>with shellfish | Clear soups |
|-----------------------------|-------------------------------|-------------|
|                             |                               |             |

5 Solution Listen and read the newspaper article about a soup restaurant again. What did the reviewer like about both the chowder and the bisque?

### Listening

- 6 Listen to a conversation between a restaurant server and a customer. Mark the following statements as true (T) or false (F).
  - 1 \_ The beef consommé was not prepared correctly.
  - 2 \_\_ The woman would prefer a soup made with shellfish.
  - 3 \_\_ The man recommends cream soup.
- 7 Listen again and complete the conversation.

| Server:   | Would you prefer the chicken-potato stew instead? It's 1 than this one.           |
|-----------|---|
| Customer: | No, that sounds too heavy. I'd rather have somethin a little lighter, but still 2 |
| Server:   | If that's what you're looking for, I'd recommend the 3                            |
| Customer: | No, I 4 Do you have something with vegetables?                                    |
| Server:   | Let's see. Oh, of course. We have 5 broccoli cream soup.                          |
| Customer: | That 6 Bring me that instead.   |

## **Speaking**

8 With a partner, act out the roles below based on Task 7. Then, switch roles.

### **USE LANGUAGE SUCH AS:**

How do you like ...? It's too ... for my taste. I'd recommend ...

**Student A:** You are a restaurant server. Talk to Student B about:

- a problem with soup
- why he or she doesn't like the soup
- your recommendations

Student B: You are a customer. Talk to Student A about a problem with your soup.

## **Writing**

Use the newspaper article about a soup restaurant and the conversation from Task 8 to write a customer satisfaction report. Include: a product that a customer ordered, why the customer was not satisfied, and actions taken to resolve the problem.





# urnalism

Charles Moore - Jenny Dooley





| Γ         | Unit 1 – Journalism                         | 4  |
|-----------|---|----|
|           | Unit 2 – Publications and Outlets           | 6  |
|           | Unit 3 – Types of News                      | 8  |
|           | Unit 4 – Types of Newspapers                |    |
|           | Unit 5 – Roles at a Newspaper 1             |    |
|           | Unit 6 – Roles at a Newspaper 2             |    |
|           | Unit 7 - Newsroom Equipment                 |    |
|           | Unit 8 – Sections of a Newspaper.           |    |
| Boo       | Unit 9 – Newspaper Layout 1                 |    |
| ` ┪       | Unit 10 – Newspaper Layout 2                |    |
|           | Unit 11 – Newspaper Style.                  |    |
|           | Unit 12 – Content of an Article             |    |
|           |   |    |
|           | Unit 13 – Developing a Story                |    |
|           | Unit 14 – Brites                            |    |
|           | Unit 15 – Writing an Article                |    |
|           | Glossary                                    | 34 |
| _         |   |    |
|           | Unit 1 – Magazines                          |    |
|           | Unit 2 – Magazine Styles                    |    |
|           | Unit 3 – Magazine Articles                  |    |
|           | Unit 4 – Advertising in Print               | 10 |
|           | Unit 5 – Education                          | 12 |
|           | Unit 6 – Newspaper Ethics                   | 14 |
|           | Unit 7 – Tone                               | 16 |
| Boo       | Unit 8 – Editing and Revision               | 18 |
| BOC       | Unit 9 – Charts and Graphs                  | 20 |
| `2        | Unit 10 – Interviews 1                      | 22 |
| ī         | Unit 11 – Interviews 2                      | 24 |
|           | Unit 12 – Citing Sources                    | 26 |
|           | Unit 13 – Radio Stations                    |    |
|           | Unit 14 – Broadcasting Technology           |    |
|           | Unit 15 – Radio Formats                     |    |
|           | Glossary                                    |    |
| L         | Choosely                                    |    |
| Г         | Unit 1 – News Agencies                      | Λ  |
|           | Unit 2 – Television 1                       |    |
|           | Unit 3 – Television 2                       |    |
|           | Unit 4 – TV Careers.                        |    |
|           | Unit 5 – TV Equipment                       |    |
|           |   |    |
|           | Unit 6 – TV Pieces                          |    |
| Book<br>3 | Unit 7 – TV Ethics                          |    |
|           | Unit 8 – Ratings and Advertising.           |    |
|           | Unit 9 – Challenges in Broadcast Journalism |    |
|           | Unit 10 – Online Media 1                    |    |
|           | Unit 11 – Online Media 2                    |    |
|           | Unit 12 – Online Advertising                |    |
|           | Unit 13 – Libel and Slander                 |    |
|           | Unit 14 – Bias                              |    |
|           | Unit 15 – Career Options and Outlook        |    |
|           | Glossary                                    | 34 |

# 1 Magazines

## Get ready!

- 1 Before you read the passage, talk about these questions.
  - 1 What are some popular types of magazines in your country?
  - What is the difference between a consumer magazine and a trade publication?





### Reading

- Read the advice column. Then, mark the following statements as true (T) or false (F).
  - The column suggests calling editors to find out if they are accepting work.
  - 2 \_\_ The column recommends submitting work to as many publications as possible.
  - 3 \_\_ According to the column, writers should subscribe to magazines.

# Get Published in Magazines

literary magazine

by Cindy Lander

So you wrote a great magazine article. Now what?

First, determine your **target audience**. Who is interested in what you wrote? That is your **demographic**.

Next, determine the best type of magazine for your work. Your **niche** might be a **literary magazine** or a **consumer magazine**. There is a large **variety** of magazines to choose from. Perhaps your work is appropriate for a **trade publication** or **academic journal**. It just depends on the kind of writing you do. For example, don't submit a short story to a trade publication – it won't be printed. Instead, send it to a literary magazine.

Then, find out if the magazine has a **solicitation** for new work. Don't submit your work to magazines that are not accepting submissions. It's a waste of time. If you're not sure, send a **query** to the editor. Also, get a **subscription** to a few magazines. You need to be familiar with the writing style.

### Vocabulary

- 3 Match the words or phrases (1-7) with the definitions (A-G).
  - 1 \_ demographic
  - 2 \_ query
  - 3 \_ niche
  - 4 \_ variety
  - 5 \_ target audience
  - 6 \_ solicitation
  - 7 \_ subscription
  - A a specialized area of a business
  - **B** the group of people to which a publication advertises
  - **C** a particular group in a population defined by a common factor
  - **D** the state of having many different types or forms
  - E a formal request for something
  - F a question addressed to an official organization
  - G a payment made in order to regularly receive a periodical

| 4 Read the sentence pairs. Choose which word or phrase best fits each blank. |  | ase Speaking   |
|--|--|--|
| 1 litera   | ary magazine / trade publication   | 8 With a partner, act out the roles below based on Task 7. Then, switch roles. |
| С  | ontent directed at a specific industry.  | USE LANGUAGE SUCH AS:  |
| <b>B</b> P   | oetry is often published in a  |  |
| 2 cons   | sumer magazine / academic journal  | Congratulations!   |
|  | .(n)can publish inform   | -  |
|  | n just about any topic of general interest.  | mai s a good raca.   |
|  | he assignment was to read a(n)   | _  |
| а  | nd discuss it in a research paper.   | Student A: You are a journalist.  Talk to Student B about:                     |
|  |  | the magazine you write for   |
|  | ten and read the advice column again. How ca<br>d out if magazines are accepting articles? | the magazine he or she     writes for  |
| Listenii   | ng   | a new magazine that you hope to write for                                      |
|  | ten to a conversation between two journalists  |  |
|  | e the correct answers.   | Student B: You are a journalist.  Talk to Student A about the                  |
| 1 Wha  | t kind of magazine does the man want to write for?   | magazine you write for.  |
| A c  | onsumer magazine C literary magazine   |  |
| <b>B</b> a   | cademic journal <b>D</b> sports magazine   | Writing  |
| 2 Wha  | t will the woman spend more time doing now?  |  |
|  | diting other writers' work C sitting at her desk   | Use the conversation from<br>Task 8 to complete the                            |
| <b>B</b> b   | eing in nature <b>D</b> meeting interesting pe   |  |
|  |  | D 111 11 0   |
| 7 S List   | ten again and complete the conversation.   | Publication Query  |
| Journalist 1   | 1: Hi Mia. I heard you just 1  | Magazine Name:   |
|  | in Birdwatchers Magazine.  | Date:  |
| Journalist 2   | 2: That's right. I'm very happy.   | To Whom It May Concern:  |
| Journalist :   | 9 9  | I am writing to inquire about publishing my                                    |
|  | 2 for my own work.   | work in your magazine.   |
| Journalist 2   |  | NA.  |
| Journalist 1   |  | My experience:   |
|  | magazine and I really like it. In fact, I'm thinking about writing some short stories.     |  |
| Journalist 2   |  | Mary and a containing about a state of   |
| Journalist 2   | you write for.   | My goals within this niche:  |
| Journalist :   | •  |  |
| Journalist 2   |  | e Places rational and a state of   |
|  | birdwatching magazine. I think it'll be 5  | Please review my work and consider it for                                      |
| Journalist 1   | , ,  |  |
|  | 6 in nature?   | Sincerely,   |
|  |  | R.E.   |

**Speaking** 

5



Virginia Evans Jenny Dooley Trang M. Tran, M.D.



| Г   | - Unit 1 - Hospital departments      | 4  |
|-----|--------------------------------------|----|
|     | Unit 2 – Hospital staff              | 6  |
|     | Unit 3 – Hospital equipment          | 8  |
|     | Unit 4 – Parts of the body           | 10 |
|     | Unit 5 – Parts of the body 2         | 12 |
|     | Unit 6 – Parts of the body 3         |    |
|     | Unit 7 – Respiratory system          |    |
|     | Unit 8 – Circulatory system          |    |
| Boo | Unit 9 – Digestive system            |    |
|     | Unit 10 – First aid                  |    |
|     | Unit 11 – Common abbreviations       |    |
| 1   | Unit 12 - Measurements               |    |
|     | Unit 13 – Administering medication   |    |
|     | Unit 14 – Describing frequency.      |    |
|     |                                      |    |
|     | Unit 15 – Maintaining hygiene        |    |
| L   | Glossary                             | 34 |
| Г   |                                      |    |
|     | Unit 1 – Blood                       |    |
|     | Unit 2 – Bones                       |    |
|     | Unit 3 – Skin                        |    |
|     | Unit 4 – Nervous system              |    |
|     | Unit 5 - Endocrine system            |    |
|     | Unit 6 – Reproductive system         |    |
|     | Unit 7 – Urinary system              |    |
| Boo | Unit 8 – Taking a history            |    |
|     | Unit 9 – Talking about symptoms      |    |
|     | Unit 10 – Physical examinations      | 22 |
|     | Unit 11 – Diagnostic tests           | 24 |
|     | Unit 12 - Diagnostic equipment       | 26 |
|     | Unit 13 – Family medicine            | 28 |
|     | Unit 14 – Pediatrics                 | 30 |
|     | Unit 15 – Geriatrics                 | 32 |
|     | Glossary                             | 34 |
| _   | <del>-</del>                         |    |
| ſ   | Unit 1 – Education and training      | 4  |
|     | Unit 2 – Communicating with staff    | 6  |
|     | Unit 3 – Communicating with patients | 8  |
|     | Unit 4 - Challenges                  | 10 |
|     | Unit 5 - Describing pain             | 12 |
|     | Unit 6 - Chronic vs. acute illnesses | 14 |
| - 1 | Unit 7 - Diabetes                    | 16 |
|     | Vnit 8 - Cancer                      | 18 |
| Boo | Unit 9 – Heart disease               | 20 |
| 3   | Unit 10 – Traumatic injuries         | 22 |
| _   | Unit 11 - Infections                 |    |
|     | Unit 12 – Nursing                    |    |
|     | Unit 13 – OB/GYN                     |    |
|     | Unit 14 – Neurology                  |    |
|     | Unit 15 – Surgery                    |    |
|     | Glosson                              | 24 |

### **HEARTLAND HOSPITAL**

### **FIRST FLOOR**

Dr. Paul Sartin, **cardiologist**, **surgeon** / Office: 100 See for: Heart Disease, Heart Surgery

Dr. Lydia Greenwich, anesthesiologist / Office: 101 See for: Surgery Pain Relief and Preparation

Dr. Richard Collins, chief **pediatrician** / Office: 102 See for: Children's Health

Dr. Ann Harold, **obstetrician** / Office: 103 See for: Labor, Pregnancy

Dr. Thomas Locke, chief radiologist / Office: 104



### STAFF DIRECTORY

### **SECOND FLOOR**

Dr. Rowan McNeil, **general practitioner** / Office: 202 See for: General Medicine

Carol Simmons, NP, head **nurse** / Office: 203 See for: Nursing Schedules

Dr. Charles Thiel, **pharmacist** / Office: 204 See for: Prescriptions



## Get ready!

- 1 Before you read the passage, talk about these questions.
  - 1 Who are some different people who work in a hospital?
  - 2 What are some special kinds of doctors?

### Reading

- Read the hospital directory. Then, mark the following statements as true (T) or false (F).
  - 1 \_\_ A patient having heart surgery will visit Dr. Sartin and Dr. Greenwich.
  - 2 \_\_\_ Dr. Harold is best qualified to examine a sick four-year-old.
  - 3 Pregnant women meet their doctor on the second floor.

### Vocabulary

- Match the words (1-5) with the definitions (A-E).
  - 1 \_ lab technician 4 \_ nurse
  - 2 \_ anesthesiologist 5 \_ pharmacist
  - 3 \_ general practitioner
  - A a doctor who provides many kinds of care to adults and children
  - **B** a doctor who renders patients unconscious or prevents them from feeling pain
  - C a medical professional who works with samples in a laboratory
  - D a medical professional who helps a doctor and cares for patients
  - **E** a person who fills prescriptions and gives medicine

- Read the sentence and choose the correct word.
  - 1 The radiologist / pharmacist has prepared the X-rays.
  - 2 The lab technician / pediatrician is checking on the three-year-old.
  - 3 A great obstetrician / cardiologist treated me after my heart attack.
  - 4 The anesthesiologist / obstetrician says the baby is doing fine.
  - 5 Dr. Brown is a famous transplant surgeon / nurse.
- 5 So Listen and read the hospital directory again. Who are some of the hospital staff and what are their duties?

### Listening

- 6 Listen to a conversation between a doctor and a nurse. Choose the correct answers.
  - 1 What is the main idea of the conversation?
    - A a patient's appointment
    - B a patient's missing chart
    - C a patient's blood pressure
    - D a patient's general practitioner
  - 2 What will the woman likely do next?
    - A examine the patient
    - B call the cardiologist's office
    - C take the patient's blood pressure
    - D lead the man to the patient's room
- 7 Games Listen again and complete the conversation.

| Nurse:  | Dr. McNeil, could you come over  | 0 |
|---------|--|---|
|         | here <b>1</b> ?  |   |
| Doctor: | Sure, Carol. What do you need?   |   |
| Nurse:  | I just took Ms. Greyson's blood pressure. It's one fifty 2 ninety-two. |   |
| Doctor: | Hmm. That's 3  |   |
| Nurse:  | Yes, I 4, too.   |   |
| Doctor: | Who's her 5?   |   |
| Nurse:  | Her chart says it's Dr. Sartin.  |   |
| Doctor: | He'll want to 6 this.  |   |
| Nurse:  | I'll let his office know to set up an appointment.                     |   |
| Doctor: | Good idea. Thanks for consulting me.                                   |   |
|         |  |   |

### **Speaking**

8 With a partner, act out the roles below based on Task 7. Then, switch roles.

### **USE LANGUAGE SUCH AS:**

Can you come over here? What do you need? Who is ...?

**Student A:** You are a nurse. Talk to Student B about:

- a problem with a patient
- what you think about it
- what to do next

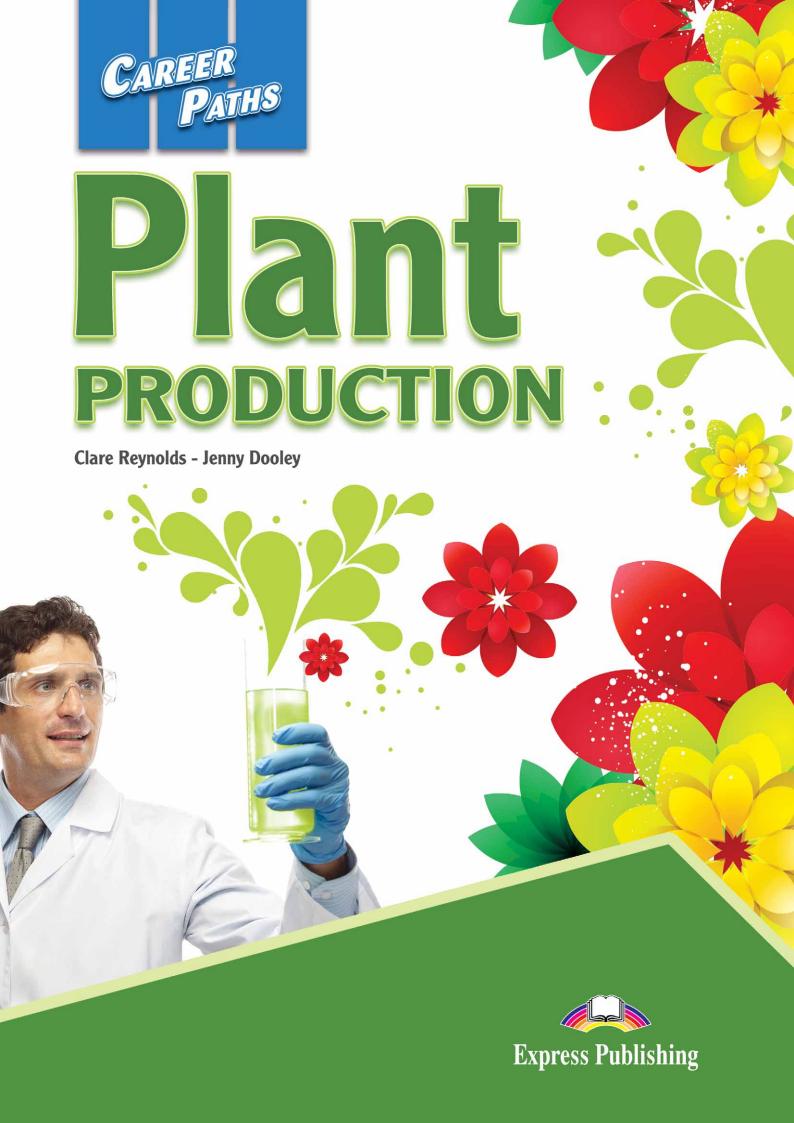
Student B: You are a doctor. Talk to Student A about a patient.

## Writing

Use the conversation from Task 8 to fill out the consultation form.

Hoartland Hoenital

| Patient Consultation Form |
|---------------------------|
| Patient:                  |
| Doctor Consulted:         |
| Issue:                    |
|                           |
| Solution:                 |
|                           |
|                           |



|          | Unit 1 – Types of Plants                   | 4  |
|----------|--|----|
|          | Unit 2 - Basic Botany                      | 6  |
|          | Unit 3 – Parts of a Plant                  | 8  |
|          | Unit 4 – Parts of a Flower                 | 10 |
|          | Unit 5 – Names of Plants                   | 12 |
|          | Unit 6 – Flowers                           | 14 |
|          | Unit 7 – Herbs                             |    |
|          | Unit 8 – Grasses and Grains                |    |
| (Book)   | Unit 9 – Woodies and Succulents            |    |
| 1        | Unit 10 - Trees                            |    |
|          | Unit 11 - Vegetables, Fruits, and Legumes  |    |
|          | Unit 12 - Measurements                     |    |
|          | Unit 13 – Tools 1                          |    |
|          | Unit 14 – Tools 2                          |    |
|          | Unit 15 - Basic Actions                    |    |
|          | Glossary                                   |    |
|          | Globbary                                   | 01 |
|          | Unit 1 – Growing Environments 1            | 4  |
|          | Unit 2 – Growing Environments 2            |    |
|          | Unit 3 – Soil Preparation                  |    |
|          | Unit 4 – Mulch                             |    |
|          | Unit 5 – Starting Plants                   |    |
|          | Unit 6 – Transplanting                     |    |
|          | Unit 7 – Watering                          |    |
|          | Unit 8 – Soil Amendments                   |    |
| ( Book ) | Unit 9 – Plant Maintenance                 |    |
| 2        | Unit 10 – Breeding                         |    |
| _        | Unit 11 – Types of Diseases                |    |
|          | Unit 12 – Types of Pests                   |    |
|          | Unit 13 – Disease and Pest Management 1    |    |
|          | · · · · · · · · · · · · · · · · · · ·      |    |
|          | Unit 14 - Disease and Pest Management 2    |    |
|          | Unit 15 – Seasons                          |    |
| L        | Glossary                                   | 34 |
|          | Unit 4 Howarding Floures 4                 | 4  |
|          | Unit 1 – Harvesting Flowers 1              |    |
|          | Unit 2 – Harvesting Flowers 2              |    |
|          | Unit 3 – Drying Flowers                    |    |
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|          | Glossany                                   | 2/ |

### **Get ready!**

1 Before you read the passage, talk about these questions.

1 Why might gardeners breed plants instead of letting them reproduce naturally?

2 What are some qualities that



## Reading

2 Read the textbook chapter. Then, complete the table.

genetic engineering

| Step                                   | Benefit   |
|--|---|
| Breeding plants with a desirable trait | 1   |
| Backcrossing                           | 2   |
| 3                                      | Works better than older methods of controlling genetics |

# the Biology of Plants to produce Scientists Scientis

breed plants to produce
certain desirable qualities. For
example, suppose scientists want to
produce flowers with a particular scent.
They find related plants that already have this
trait, and use them to pollinate each other.
Consequently, the plants yield progeny that are

likely to have that scent. This practice is called **interbreeding**. Then, another round of breeding, called **backcrossing**, strengthens the new genetic makeup. It involves breeding the progeny with one of its parents.

The above example illustrates artificial selection. It is an approach that has been used by gardeners for centuries. More recently, however, scientists have discovered ways to manipulate a plant's DNA. We call this process genetic engineering. For example, scientists might modify a plant's genes so that it has resistance to mold. Other times, scientists want plants with two desirable traits. Maybe they want vegetables with a particular taste and appearance. This is more effective with today's genetic engineering than with traditional artificial selection.

### Vocabulary

breed

3 Write a word that is similar in meaning to the underlined part.

| 1 | Certain insects naturally transfer pollen between   |
|---|---|
|   | flowers.  |
|   | e   |
| 2 | Even an amateur gardener can control the            |
|   | reproduction of plants with artificial selection.   |
|   | b   |
| 3 | The plants' offspring exhibited a particular trait. |

p \_ \_ \_ y

4 Breeding plants with red flowers will produce

Breeding plants with red flowers will produce offspring that also have red flowers.
 \_\_\_ d
 Genetic engineers control the plants' DNA.

|   | _ap                                      |
|---|--|
| 6 | Breeders often breed plants that share a |
|   | particular <u>quality</u> .              |
|   | r  |

**7** Resistance to mold is a <u>useful</u> quality for plants to have.

4 Place the correct words and phrases under the correct headings: appearance, backcrossing, interbreeding, scent, taste, artificial selection, genetic engineering, resistance.

| Breeding Methods | Traits |
|------------------|--------|
|                  |        |
|                  |        |
|                  |        |
|                  |        |

5 Listen and read the textbook chapter again. What is the relationship between artificial selection and genetic engineering?

### Listening

- 6 Solution Listen to a conversation between a job interviewer and a candidate. Choose the correct answers.
  - 1 What did the woman breed for during her previous project?
    - A a lower likelihood of wilt
- C a resistance to mold
- **B** an improved appearance
- **D** a higher yield
- 2 What is the problem with the man's high-yielding plants?
  - A They have an unpleasant taste.
  - **B** They have low resistance to mold.
  - **C** They cannot be bred with other plants.
  - **D** They take a long time to grow.

| Interviewer: | Oh, interesting. What was the 1 of the project?  |
|--------------|--|
| Candidate:   | We wanted to create a tomato with both improved <b>2</b> and wilt-resistance. We made a lot of progress. |
| Interviewer: | That's excellent. Your work experience is very 3 to our open position.                                   |
| Candidate:   | That's great to hear. So, what exactly are you working on right now?                                     |
| Interviewer: | Well, we've developed bean plants that are resistant to mold. But our current cultivars have a really 4  |
| Candidate:   | Ah, I see. Now, you want to <b>5</b> them with high-yielding plants.                                     |
| Interviewer: | Exactly. But so far, the high-yielding 6still have problems with mold.                                   |

### **Speaking**

8 With a partner, act out the roles below based on Task 7. Then, switch roles.

### **USE LANGUAGE SUCH AS:**

Could you tell me more about ...?
What was the goal ...?

So you want to ...?

**Student A:** You are a job interviewer. Talk to Student B

- plant breeding projects that he or she has worked on
- goal of past projects
- a project that you are currently working on

Student B: You are a job candidate. Talk to Student A about your experience in plant breeding.

### Writing

Use the textbook chapter to complete the project summary.

| Project Summary                 |
|---------------------------------|
| <b>Hort-Labs Plant Breeders</b> |
| Purpose of the Project:         |
| Overview of Project Procedures: |
| Project Outcome:                |
|                                 |



Jenny Dooley Virginia Evans



ESOL Examinations





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# 8 Hair coloring





chestnut

dark brown

light brown

purple-black









auburn

copper

honey blonde

Choose from our new color swatch book

platinum

# Get ready!

- 1 Before you read the passage, talk about these questions.
  - 1 Why do some people color their hair?
  - 2 What are some advantages of different hair colors?

# Reading

- Read the information from a magazine article. Then, mark the following true (T) or false (F).
  - 1 \_ Chestnut hair is easy to maintain.
  - 2 \_ Healthy red hair holds color well.
  - 3 \_ Blonde shades have low maintenance.

# Vocabulary

OPPLIED PROBLEM STATES IN THE STATES IN T



auburn platinum chestnut light brown copper honey blonde golden blonde dark brown

# Browns and

Blacks

The Best G

Choose from our new color swatch book. There are plenty of reasons to go brunette. Maintenance is very easy, and dark hair reflects a lot of light, so it looks very shiny. But remember, if you're thinking about a very dark color (like blue-black) consult a professional. Once you dye your hair black, it is very difficult to change it back.

Hot colors chestnut, dark brown, light brown

#### Reds

Do you enjoy getting a lot of attention? Then, try a

head-turning shade of red. Redheads must have very healthy hair in order for the hair color to last for a long time. But it's worth it! Just stay away from purpleblack tones, which appear unnatural.

Hairdresser Today - April Edition

#### Hot colors auburn, copper

#### Blondes

For a youthful, energetic look, try **blonde** shades. But it may take time to find the right shade to match your skin tone. Also, blonde hair costs a lot of money and time to maintain.

#### Hot colors

honey blonde, platinum, golden blonde

| 9        |       | 100 |        |
|----------|-------|-----|--------|
|          |       |     |        |
|          |       |     |        |
|          |       |     |        |
| Brunette | Redhe | ad  | Blonde |

| Brunette | Redhead | Blonde |
|----------|---------|--------|
|          |         |        |
|          |         |        |
|          |         |        |

color swatch book

| 4 | Write  | а  | word   | that | is  | similar | in | meaning | to |
|---|--------|----|--------|------|-----|---------|----|---------|----|
|   | the ur | nd | erline | d pa | rt. |         |    |         |    |

- 1 Tara has decided to dye her hair a pale yellow color. \_ I \_ n \_ \_
- 2 The stylist advised Sara against getting very dark black with tones of blue hair because it doesn't match her skin tone.

3 Helen is the only <u>person with brown hair</u> in her class. \_r\_n\_t\_\_

(5) Listen and read the information from a magazine article again. What must someone consider if they want to dye their hair blonde?

# Listening

- 6 Solution Listen to a conversation between a stylist and client at a hair salon. Choose the correct answers.
  - 1 What does the man help the woman with?
    - A choosing a new hair color
    - B maintaining a previous hair color
    - C advising about hair care
    - D picking the right hair cut
  - 2 What is true about the woman?
    - A She has never dyed her hair before.
    - B She visits the salon every two weeks.
    - C She has naturally dark hair.
    - D She wants to look younger.
- 🕜 🕯 Listen again and complete the conversation.

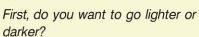
| Stylist  | Good morning, Mrs McAllen. You're here for a  1 consultation, aren't you?                                      |
|----------|--|
| Client:  | That's right. I really want to change my look.   |
| Stylist  | Well, let's talk about your options. First, do you want to go lighter or 2?                                    |
| Client:  | I've always wanted to try 3 hair.  |
| Stylist  | Okay, blonde is very popular. But you should know that you'd have to come in every 2 to 4 weeks for touch-ups. |
| Client:  | Wow, that could get 4  |
| Stylist  | On the other hand, blonde hair typically makes women look younger.   |
| Client:  | Really? Maybe blonde isn't such a great idea then. What are some low-maintenance options?                      |
| Stylist: | Well, you have 5 hair. We could give you light brown instead.  |
| Client:  | I want a bigger change from my natural color. How about red shades?  |
| Stylist  | I think copper red would look fantastic on you. And it's a lot easier to maintain than blonde.                 |
| Client:  | That sounds perfect! Let's see how I look as a   |

# **Speaking**

(8) With a partner, act out the roles below based on Task 7. Then, switch roles.

#### **USE LANGUAGE SUCH AS:**

I really want to change my look.



I think ... would look fantastic on you.

Student A: You are a stylist at Bella Salon. Talk to Student B about:

- his or her color preferences
- the color's advantages and disadvantages
- suitable colors for the client

Student B: You are a client. Based on Student A's advice, choose a hair color.

# Writing

- You are a colorist. Use the conversation from Task 8 to write notes about the client's change of hair color. Write about:
  - The options
  - The advantages of different hair colors





Denise Paulsen, PE Jenny Dooley

# ELECTRICAL

ENGINEERING



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# **Microelectronics Engineering**

# **Get ready!**

- 1 Before you read the passage, talk about these questions.
  - **1** What are some fields that make use of microelectronic technology?
  - 2 Why microelectronics is popular in many fields?



research and development

nanotechnology

# Conference Speaker Biographies

# Neha Mehra





#### microelectronics

Neha Mehra is a senior design engineer with Reddington-Howard Medical Innovations. She received her Bachelor of Science degree in Microelectronics Engineering from State University. She then, completed a Master of Science degree in Electrical Engineering from International College.

Ms. Mehra specializes in the microfabrication of MEMS for use in medical equipment. Using microlithography, she creates microsensors and microactuators. She is a valuable member of Reddington-Howard's research and development team. She will be lecturing on the topic of the use of MEMS in various applications.

# Gregori Azarov

# nanotechnology

Gregori Azarov is a design engineer with Overholt Microelectronics Systems who specializes in **nanotechnology**. Mr. Azarov has recently developed a version of an ultrasonic **transducer**. It is able to generate and detect ultrasound waves. The transducer is so small it can be inserted in individual cells. The transducer is one nanometer in length, which is **equivalent** to three atoms.

Mr. Azarov is currently working on building nanoscale **integrated circuits** and **semiconductors**. He is also an adjunct professor at Southwest State University. He teaches courses in nanoelectronics and nanolithography. Mr. Azarov will discuss the future of nanotechnology in engineering.

# Reading

- Read the speaker profiles. Then, mark the following statements as true (T) or false (F).
  - 1 \_\_ Ms. Mehra is an adjunct professor at Southwest State University.
  - **2** \_\_ Microsensors and microactuators are created using microlithography.
  - 3 \_\_ Mr. Azarov works on a research and development team.

# Vocabulary

- 3 Read the sentence pairs. Choose which word or phrase best fits each blank.
  - 1 microsensor / nanotechnology

| Α | The thermometer uses a        |
|---|-------------------------------|
|   | to get a temperature reading. |
| R | is actually used in           |

2 microfabrication / semiconductor

some sunscreen lotions.

| Α | The  |       |      |      |       | of th | ne |     |                  |    |
|---|------|-------|------|------|-------|-------|----|-----|------------------|----|
|   | micr | oactu | ator | took | longe | r tha | an | exp | oec <sup>1</sup> | ed |
| _ |      |       |      |      |       |       |    |     |                  |    |

- **B** \_\_\_\_\_ are found in many modern electronic devices.
- 3 research and development / integrated circuits

|   |                      | in their laptops.  |
|---|----------------------|--------------------|
| В | The                  | department         |
|   | at the company has w | on several awards. |

A The computer company uses the newest



| 4 |    |       |     |       | 0     |        |     |             |      |    |
|---|----|-------|-----|-------|-------|--------|-----|-------------|------|----|
| ı | 4) | Match | the | words | (1-6) | ) with | the | definitions | (A-F | ١. |
|   |    |       |     |       |       |        |     |             |      |    |

1 \_\_ microlithography
2 \_\_ microelectronics
3 \_\_ MEMS
4 \_\_ microactuator
5 \_\_ equivalent
6 \_\_ transducer

- A a system that uses microfabricated mechanical and electronic elements
- **B** the techniques used to produce microelectronics
- **C** a device that converts one kind of energy into a different kind of energy
- **D** something that is equal or has the same effect or meaning as something else
- **E** a branch of electronics that specializes in the creation of very small circuits
- **F** a very small device that supplies and transmits energy to operate something else
- 5 Solution Listen and read the speaker profiles again. What is the nano-scale transducer capable of doing?

#### Listening

- 6 Listen to a conversation between two engineers.

  Mark the following statements as true (T) or false (F).
  - 1 \_\_ The woman found the MEMS lecture interesting.
  - 2 \_\_ The man is interested in working in research and development.
  - 3 \_\_ Both speakers will attend the nanotechnology lecture.
- 7 Solution I Listen again and complete the conversation.

| Engineer 2: | The <b>1</b> of the MEMS seems really challenging.                     |
|-------------|--|
| Engineer 1: | Especially since the engineers are limited to working with <b>2</b>    |
| Engineer 2: | That's true. What's next on the 3?                                     |
| Engineer 1: | It looks like there's a lecture on <b>4</b> in half an hour.           |
| Engineer 2: | Who's giving the lecture?  |
| Engineer 1: | Gregori Azarov.  |
| Engineer 2: | I read an article by him a few months ago. It was on building <b>5</b> |
| Engineer 1: | His biography says he also works on nano-scale semiconductors and 6    |

8 With a partner, act out the roles below based on Task 7. Then, switch roles.

#### **USE LANGUAGE SUCH AS:**

How did you like ...?
I thought it was ...
Do you know ...?

**Student A:** You are an engineer. Talk to Student B about:

- what he or she thought of the lecture
- what the next lecture is about
- whether or not he or she will attend the next lecture

Student B: You are another engineer. Talk to Studer' about microelectronic

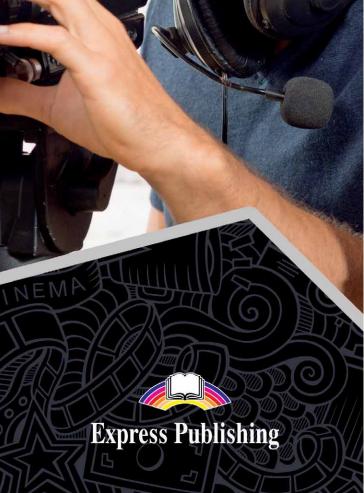
# Writing

9 Use the speaker profiles and the conversation from Task 8 to create a comment card about the conference. Include which lectures you attended, what you thought of the lectures, and what you learned from the lectures.



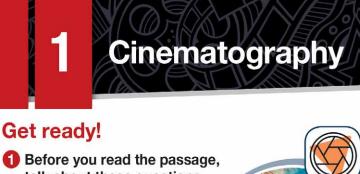


ANGIE BEAUCHAMP -JENNY DOOLEY



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Before you read the passage, talk about these questions.

1 What factors create visual texture in a film?

2 How do cinematographers collaborate with other film crew members?



FILM 165: Introduction to

Cinematography-Scene Analysis #2

Assignment: Watch the scene

from The Legend

of Silver Creek. Analyze how the cinematographer creates visual texture. What important elements appear in the frame? How does camera movement reveal more information? Remember what we learned about establishing.

Notice how the filmmakers use light and color. Is the scene dark or bright? Explain how this affects the mood of the scene. Also, examine the impact of the lens. Are the features out of balance?

Finally, discuss how the cinematographer tells the story. How do you think she collaborated with the director? What about the screenwriter?

# movement

collaborate with



# Reading

- Read the assignment. Then, mark the following statements as true (T) or false (F).
  - 1 \_\_ For the assignment, students will create their own camera shots.
  - Students will need to review their notes about establishing.
  - Students will discuss how the cinematographer and the director worked together.

# Vocabulary

Match the words or phrases (1-6) with the definitions (A-F).

1 \_\_ lens 4 \_\_ movement **2** \_\_ light 5 \_ establishing

6 \_ collaborate with **3** \_\_ frame

A the information or scene that is included in a shot

- B the quality of brightness or darkness
- C to work alongside someone else towards a common goal
- **D** the process of revealing information with a camera
- E the process of changing the position of the camera
- F how features are shown in a shot and whether they are altered

| <ul> <li>4 Read the sentence pairs. Choose which word or phrase best fits each blank.</li> <li>1 light / color</li> <li>A The manipulation of is important to set the mood in any scene.</li> <li>B For the, the cinematographer chose to use only black and white.</li> </ul> | Speaking  3 With a partner, act out the roles below based on Task 7. Then, switch roles.  USE LANGUAGE SUCH AS:  I know what you mean.  You're right.  Exactly.  |
|--|--|
| <ul> <li>2 visual texture / cinematography</li> <li>A The of the scene conveyed the cold, clean nature of the hospital room.</li> <li>B The film student majored in</li> <li>5 Listen to and read the assignment again. Why are light and color important?</li> </ul>          | Student A: You are a student. Talk to Student B about:  • a scene that you watched for your cinematography class  • the visual elements of the scene  • how the visual elements produced a particular effect |
| Listening  ③   | Student B: You are a student. Talk to Student A about the visual elements in a scene.  Writing  Use the conversation from Task 8 to complete the cinematography assignment.                                  |
|  |  |
| Student 1: Did you watch the scene from The Legend of Silver Creek?  Student 2: Yes. I thought it was 1  | TO PERO 110 PERO   |
| Student 1: I know what you mean. I think it was partly the camera movement that 2 slowly.  | FILM 165: Scene Analysis   |
| Student 2: Yeah, you're right. You knew the monster was there. But you 3it.  Student 1: And the way the cinematographer  | Watch the scene from   |
| employed light and color made it  4 dramatic.  Student 2: What do you mean?  | How did the scene make you feel?  The scene made me feel   |
| Student 2: What do you mean?  Student 1: The 5 created mystery and   | How did the cinematographer create this effect?  |

suspense!

Student 2: Oh, right. It had a 6 \_\_\_\_\_ \_ \_ on the audience.

Student 1: Exactly. It used visual texture effectively.

The cinematographer created this effect in two ways.

\_\_\_\_. And second, \_\_\_\_\_

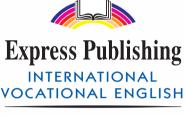
- **3-D field** [N-COUNT-U6] The **3-D field** is the perceived third dimension of a two dimensional image that is implied by the arrangement of visual elements and lighting.
- aerial shot [N-COUNT-U13] An aerial shot is a camera view from high above the subject, usually from an aircraft.
- **ambient base** [N-COUNT-U9] An **ambient base** is a soft, even, overhead light that provides basic light on a set, but is rarely used as the only or primary light source.
- **ambient light** [N-UNCOUNT-U7] **Ambient light** is the lighting that is naturally present in a space, or lighting used in a scene that has no apparent source within the context of the film.
- arc [N-COUNT-U15] An arc is a shape or a movement that forms a partial circle.
- **atmospheric perspective** [N-UNCOUNT-U6] **Atmospheric perspective** is the dimming of distant objects due to the desaturation of light by the air, making their colors appear blue. This effect creates depth but it also confuses the eye as it overestimates the perceived distance.
- **available light** [N-UNCOUNT-U9] **Available light** is the light that occurs naturally in a particular location, and often refers to direct sunlight or sunlight through a window.
- axis [N-COUNT-U15] An axis is an imaginary line that something moves around in a circular or back-and-forth motion.
- axis of motion [N-COUNT-U11] An axis of motion is a real or imaginary line that something moves along.
- baby [ADJ-U10] If a lighting unit is baby, it is smaller than a full-sized lamp.
- back cross keys [N-COUNT-U9] Back cross keys are two lights each standing on the side of two subjects that are facing each other. Both lights serve as one subject's key light and the other subject's backlight.
- **backdrop** [N-COUNT-U7] A **backdrop** is a painted piece of fabric that serves as the background of a scene and establishes its setting.
- **backlight** [N-COUNT-U8] **Backlight** is a light that illuminates a subject from behind and above to add depth to a subject's face and make its edges glow. It generally lights both sides of a face equally.
- **balance** [N-UNCOUNT-U5] **Balance** is the principle of arranging subjects and context evenly across a frame in order to achieve visual aesthetics.
- ballast [N-COUNT-U10] A ballast is a device that limits the current in an electrical system.
- boom up/down [PHRASE-U14] Boom up/down refers to the movement of a dolly's arm higher or lower.
- **bounce light** [N-COUNT-U8] A **bounce light** is a light that is reflected on a subject off a ceiling, a white surface etc., rather than pointed directly at the subject.
- **Cablecam®** [N-UNCOUNT-U13] **Cablecam®** is a camera mounting system that uses tracks and ropes to suspend a camera over a subject. It can either operate with a camera operator or with a remote head.
- **camera head** [N-COUNT-U12] A **camera head** is a piece of equipment or base between a camera and a mount, e.g., a tripod. It serves to hold and secure the camera on the mount and allows pan and tilt movements.
- **camera mounting** [N-UNCOUNT-U12] **Camera mounting** is the process of placing the camera on a piece of equipment that supports it and facilitates movement.
- **camera movement** [N-COUNT-U11] A **camera movement** is a change in the position of a camera that affects the content of a shot.
- car shot [N-COUNT-U13] A car shot is a camera view inside or alongside a moving vehicle.
- **carry the lamp** [PHRASE-U9] To **carry the lamp** is to use a light source outside a shot that appears to come from a light source inside the shot, such as a table lamp. This technique is used when a practical or motivated lighting can't light a subject enough for some reason.
- chassis [N-COUNT-U15] A chassis is a platform or dolly that is built to hold a crane.
- **chiaroscuro** [N-UNCOUNT-U6] **Chiaroscuro** is the artistic use of contrast between light and sharp shadows in an image to establish a dramatic effect, depth, and visual focus.
- **cinematography** [N-UNCOUNT-U1] **Cinematography** is the art, study and practice of motion-picture photography. A cinematographer supervises the camera and light crews and makes decisions regarding the artistic and technical features of the image.

- **circle track move** [N-COUNT-U11] A **circle track move** is the process of moving a camera around a subject in a circle or partial circle.
- **climax** [N-COUNT-U2] A **climax** is a part of a story that is the most interesting or exciting, and usually occurs towards the end.
- closing [ADJ-U2] A closing scene or sequence is one that occurs at the end of a series of events.
- **collaborate with** [V-T-U1] To **collaborate with** someone is to work alongside him or her towards achieving a particular goal.
- **color** [N-UNCOUNT-U1] **Color** is a property of objects that appears with the help of light. In cinematography it helps the human eye reflect an emotion, e.g., blue tone to highlight depression or determine a location, e.g., a grey tone for the underground. Color can be described in terms of its shade, lightness or brightness, and saturation (the degree of a shade).
- **contrast** [N-UNCOUNT-U5] **Contrast** is the ratio between the light and dark parts of an image or between maximum and minimum amounts of light.
- **countermove** [N-COUNT-U11] A **countermove** is the process of moving a camera in a different direction, opposite or other, than a subject is moving, so the camera's view changes as the subject moves.
- **crab dolly** [N-COUNT-U14] A **crab dolly** is a platform with wheels that rolls on the floor or along a track so as to move the camera in any direction, forward, backward and sideways (crab movement).
- **crab left/right** [PHRASE-U14] **Crab left/right** refers to the lateral movement (sideways) of a dolly, where all four wheels turn in the same direction.
- **crane** [N-COUNT-U15] A **crane** is a piece of equipment whose arm moves people or equipment into high places or into hard-to-reach areas.
- **crash cam** [N-UNCOUNT-U13] A **crash cam** is a camera that is at high risk for being damaged during a shot, and therefore is made with the cheapest practical materials.
- **credits** [N-PLURAL-U2] **Credits** are a series of names and titles that tell who participated in making a movie, and usually appear on the screen at the beginning or end of a movie.
- dance floor [N-COUNT-U14] A dance floor is a flat platform that is built on an existing floor to allow smooth movement of a dolly without a track.
- **dead center** [N-UNCOUNT-U11] **Dead center** is the place in the middle of a circle that is the same distance from every point along the circle's edge.
- depth [N-UNCOUNT-U6] Depth is the perceived distance to the farthest object in an image.
- **design principles** [N-PLURAL-U5] **Design principles** are basic concepts and guidelines that are widely applicable to various visual media.
- **diffusion** [N-UNCOUNT-U9] **Diffusion** is the process of filtering light from a source so that it is weaker or less concentrated.
- digital [ADJ-U4] If an image is digital, it is made up of a series of pixels with numerical values.
- **directionality** [N-UNCOUNT-U5] **Directionality** is the principle of creating visual paths that draw a viewer's eye through an image.
- dolly in/out [PHRASE-U14] Dolly in/out refers to the movement of a dolly towards or away from a subject.
- dolly left/right [PHRASE-U14] Dolly left/right refers to the movement of a dolly as it turns to one side or the other.
- **downstage** [ADV-U8] If something occurs **downstage**, it is done in the scenic area between the actors and the camera.
- Dutch head [N-COUNT-U12] A Dutch head is a camera head that allows tilt movement to the left and right.
- electronic [ADJ-U3] If something is electronic, it functions by using electrical signals or computers.
- element [N-COUNT-U1] An element is an essential part of something.
- **establishing** [N-UNCOUNT-U1] **Establishing** is the process of using the camera's frame to reveal information and inform the audience of what's going to happen.

# Glossary

- extension plate [N-COUNT-U14] An extension plate is an arm with a camera head mounted at its end. The arm extends from a dolly to allow the camera to reach a place where the dolly cannot go.
- fill light [N-COUNT-U8] A fill light is a light that illuminates and softens the shadows created by a key light. That's why lighting is sometimes described as the ratio between key and fill lights.
- film [N-UNCOUNT-U2] Film is the process or subject of making movies.
- **film** [N-UNCOUNT-U3] **Film** is a material, usually in the form of a long strip, that is used to record and store still or moving images from a camera.
- film frame [N-COUNT-U4] A film frame is a single image on physical film that is part of a complete motion picture.
- **fluid head** [N-COUNT-U12] A **fluid head** is a camera head that operates with oil and springs to produce very smooth camera movements.
- **fluorescent** [ADJ-U10] A **fluorescent** lamp is a low energy lamp that can generate an output similar to that of an HMI unit. It produces a cool, soft, and even light and is used to illuminate interiors.
- focus [N-UNCOUNT-U3] Focus is a camera setting that adjusts the degree of clarity of an image.
- **foreshortening** [N-UNCOUNT-U6] **Foreshortening** is a visual phenomenon that makes objects in an image appear shorter than they are because they are angled toward the viewer. For example, an arm pointing directly at the camera seems shorter than it actually is.
- **frame** [N-COUNT-U1] The **frame** is a single image or scene that is included in a shot and that places the characters and objects in space.
- frame line [N-COUNT-U4] A frame line is an unused or empty space that separates two frames on a strip of film.
- **frame rate** [N-COUNT-U4] A **frame rate** of a motion picture is the number of frames shown for a particular stretch of time, usually expressed as the number of frames per second (fps). The industry standard is 24 frames. per second.
- Fresnel light [N-COUNT-U10] A Fresnel light is a lamp with circular rings on glass that create a controlled beam of light. As the rays of light travel through the rings, they give out even illumination and a more efficient light with adjustable intensity. They are good in studios, on location shots, to light background objects etc.
- from the floor [PHRASE-U9] If a scene is lit from the floor, it is lit with lamps that are mounted on the floor of the set.
- from the grid [PHRASE-U9] If a scene is lit from the grid, it is lit with lamps that are hung from a structure above the set.
- **front porch** [N-COUNT-U14] A **front porch** is a surface on the front of a dolly where a camera operator can stand while the dolly is moving.
- **geared head** [N-COUNT-U12] A **geared head** is a camera head that operates with wheels and can support very heavy cameras. It enables pan and tilt movements.
- global shutter [N-UNCOUNT-U3] A global shutter is a device that captures an entire frame at one time.
- handheld [ADJ-U12] If something is handheld, it is carried by the user rather than supported by a piece of equipment.
- hard light [N-UNCOUNT-U7] Hard light is a type of lighting that has a bright illumination source such as the sun and that creates dramatic, well-defined shadows, and high contrast.
- high hat [N-COUNT-U12] A high hat is a mounting surface (usually plywood) for the camera head that is used to shoot scenes from very low to the ground, when the tripod can't be used.
- **HMI unit** [N-COUNT-U10] An **HMI unit** is a bright lamp that generates three to four times the light of tungsten lights but little heat. Its very high light output matches natural sunlight and can be used to increase light into interiors or to illuminate large areas.
- **hostess tray** [N-COUNT-U13] A **hostess tray** is a camera mount that is used to capture a moving vehicle from an attachment on the door of the vehicle.
- image sensor [N-COUNT-U3] An image sensor is a part of a camera that turns an image into an electronic signal.
- interlaced scan [N-UNCOUNT-U4] Interlaced scan is a technique that uses two fields to display video. One field has the odd-numbered lines in the image and the other the even-numbered lines. These two fields are combined alternately to create a full frame.
- **jib arm** [N-COUNT-U15] A **jib arm** is a crane that carries only the camera while the camera operator is usually standing on the floor.





EXAMINATIONS

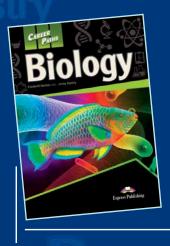
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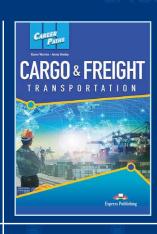
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- The certificates, awarded by the UNIVERSITY OF GREENWICH, ensure that learners and professionals have mastered the basic vocational English their field of study requires.

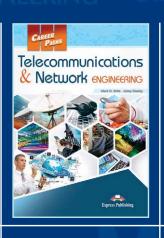




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