

Unit 1 Movie Directors

Warm-Up

(Answers may vary.)

1. I like watching movies in the theater because there is popcorn.
2. I saw Avatar. It was really incredible.

Vocabulary Preview

1. technique
2. pace
3. expectation
4. establish
5. decide
6. leading

Comprehension Check

1. c
2. b
3. b
4. d
5. d

Summary

1. decisions
2. controls
3. ideas
4. style
5. examples

Writing

(Answers may vary.)

1. The director controls the pace of the story.
2. The director makes sure that everyone's ideas come together effectively.
3. They both have recognizable styles.

Unit 2 The Rise of *American Idol*

Warm-Up

(Answers may vary.)

1. My parents let me watch 2 hours of TV if I finish my homework.
2. *The Simpsons* is my favorite television show because it is funny, and I like animation.

Vocabulary Preview

1. contest
2. overnight
3. common
4. fortune
5. advice
6. program

Comprehension Check

1. b
2. b
3. a
4. d
5. c

Summary

1. reality
2. singers
3. most
4. become
5. least
6. Academy

Writing

(Answers may vary.)

1. It introduced the idea of viewer participation. This created a popular new type of reality show.
2. Viewers vote on the contestants by phone.
3. *American Idol* was first tried in England under the name *Pop Idol*.

Unit 3 George Gershwin and the American Musical

Warm-Up

(Answers may vary.)

1. My favorite composer is Andrew Lloyd Webber. My favorite musical by him is *Cats*.
2. My favorite type of performance is one that has a lot of dancing and singing. It makes me feel happy to see the actors dancing and to hear the songs.

Vocabulary Preview

1. clever
2. deserve
3. display
4. notable
5. distinctive
6. despite

Comprehension Check

1. b
2. a
3. b
4. c
5. c

Summary

1. composer
2. piano
3. wrote
4. lyrics
5. prizes

Writing

(Answers may vary.)

1. They were from Russia.
2. Fred Astaire was the star of *Funny Face*.
3. *Of Thee I Sing* won the Pulitzer Prize for Drama.

Unit 4 The Modern Sculpture of Rodin

Warm-Up

(Answers may vary.)

1. My favorite artist is Bernini. He was a sculptor who created beautiful statues.
2. I've been to many museums and even saw the bones of a wooly mammoth in one of them.

Vocabulary Preview

1. hire
2. successful
3. model
4. realistic
5. famous
6. sculptor

Comprehension Check

1. d
2. c
3. d
4. c
5. c

Summary

1. sculptor
2. bronze
3. realistic
4. famous
5. museums

Writing

(Answers may vary.)

1. Rodin was from France.
2. The finished sculptures were made of bronze.
3. You can see Rodin's work in museums around the world.

Unit 5 The First Modern American Football Game

Warm-Up

(Answers may vary.)

1. To be honest, I don't follow American football. I can only name soccer teams.
2. I think American football began over a hundred years ago.

Vocabulary Preview

1. season
2. college
3. gymnasium
4. dull
5. rematch
6. frame

Comprehension Check

1. d
2. b
3. a
4. d
5. c

Summary

1. football
2. rules
3. large
4. rematch
5. East

Writing

(Answers may vary.)

1. The first Princeton vs. Rutgers game was played on November 6, 1869.
2. American football was originally very much like the game of Rugby.
3. Rutgers won the first match.

Unit 6 The History of Ping Pong

Warm-Up

(Answers may vary.)

1. I love to play tennis and racket ball in my spare time.
2. Mah Jong is an old-fashioned game. My grandparents love it, but I don't think it's very fun.

Vocabulary Preview

1. frequently
2. popularity
3. paddle
4. entertainment
5. identifiable
6. bouncy

Comprehension Check

1. a
2. b
3. c
4. b
5. d

Summary

1. England
2. parties
3. plastic
4. paddles
5. world

Writing

(Answers may vary.)

1. Ping pong developed as entertainment when it was too cold outside to play tennis on the grass.
2. Paddles made out of rubber added speed to ping pong.
3. China is one country where ping pong players are celebrities.

Unit 7 Ocean Currents Spread the Warmth

Warm-Up

(Answers may vary.)

1. The weather in my home town changes with the seasons. It's usually either very hot or very cold.
2. I enjoy snowy winter mornings. They remind me of my trip to Scotland.

Vocabulary Preview

1. spread
2. produce
3. current
4. influence
5. region
6. absorb

Comprehension Check

1. c
2. b
3. c
4. a
5. d

Summary

1. powerful
2. currents
3. pushed
4. Gulf
5. weather

Writing

(Answers may vary.)

1. The ocean water spreads to colder regions.
2. The Gulf Stream is important because it warms the air in Europe.
3. The water changes form and produces clouds.

Unit 8 The Amazing World of Coral Reefs

Warm-Up

(Answers may vary.)

1. I visited a coral reef in Aruba when I was younger.
2. I went diving once in the Red Sea with my grandmother.

Vocabulary Preview

1. tourist
2. volunteer
3. marine
4. vast
5. external
6. inhabit

Comprehension Check

1. a
2. b
3. a
4. a
5. d

Summary

1. worlds
2. marine
3. external
4. Australia
5. reefs

Writing

(Answers may vary.)

1. It is a large coral reef near Australia.
2. They look in warm, shallow water.
3. Some tourists break off pieces and some people hunt the animals around the reef.

Unit 9 The Wonders of Soap

Warm-Up

(Answers may vary.)

1. I use liquid soap when I shower.
2. I wash my hands before every meal.

Vocabulary Preview

1. bar
2. various
3. substance
4. bridge
5. necessary
6. secret

Comprehension Check

1. d
2. b
3. b
4. d
5. a

Summary

1. cleaning
2. washing
3. water
4. bridge
5. dirt

Writing

(Answers may vary.)

1. Liquid and bar soap are the forms of soap most commonly used.
2. Soap works by sticking to and absorbing the different substances.
3. The most common uses for soap are washing hands and the body.

Unit 10 Space Shuttles and the Atmosphere

Warm-Up

(Answers may vary.)

1. My favorite form of transportation is the train.
2. Yes, I do. I think that exploring space would be very exciting.

Vocabulary Preview

1. ocean
2. atmosphere
3. reenter
4. strength
5. speed
6. gravity

Comprehension Check

1. d
2. c
3. b
4. a
5. c

Summary

1. reenter
2. pull
3. crash
4. drag
5. shuttle

Writing

(Answers may vary.)

1. It pulls the space shuttle toward Earth.
2. Air touches the outside of the space shuttle and creates drag, which helps slow the speed of the shuttle.
3. It is important for the shuttle to slow down so that it can land safely.

Unit 11 The Legacy of Thomas Paine on Democracy

Warm-Up

(Answers may vary.)

1. George Washington and Augustus Caesar both changed the way their countries were ruled.
2. Washington led a revolution against England and became the first American President. Augustus Caesar fought Cleopatra and became the first Roman emperor.

Vocabulary Preview

1. fire
2. survive
3. democracy
4. recover
5. imagination
6. editor

Comprehension Check

1. c
2. a
3. c
4. c
5. a

Summary

1. America
2. England
3. editor
4. fired
5. great

Writing

(Answers may vary.)

1. Thomas Paine was born in England.
2. He went to America to start a new life for himself.
3. His writing helped to excite people's imaginations about political ideas.

Unit 12 The Story of the Printing Press

Warm-Up

(Answers may vary.)

1. *Nim's Island* by Wendy Orr is my favorite book because I like adventure.
2. Copying a book by hand would take a very long time.

Vocabulary Preview

1. afford
2. borrow
3. printer
4. invent
5. efficient
6. brother-in-law

Comprehension Check

1. c
2. b
3. c
4. b
5. d

Summary

1. press
2. copied
3. efficient
4. invented
5. produce

Writing

(Answers may vary.)

1. Books were originally copied by hand.
2. The printing press worked by rolling ink over block letters onto paper.
3. Books became cheaper because it became easier to print them.

Unit 13 Michael Bloomberg: Billionaire and Mayor of NYC

Warm-Up

(Answers may vary.)

1. You become successful by studying hard and finding a good job.
2. A good leader is someone who is smart, kind, and a good listener.

Vocabulary Preview

1. grand
2. reduce
3. poverty
4. value
5. provide
6. billionaire

Comprehension Check

1. c
2. d
3. c
4. d
5. a

Summary

1. mayor
2. value
3. Street
4. company
5. billions

Writing

(Answers may vary.)

1. Bloomberg's parents worked for a large dairy company.
2. He learned the value of hard work and not to give up, even in difficult situations.
3. Bloomberg works to reduce poverty.

Unit 14 The Story of Queen Victoria

Warm-Up

(Answers may vary.)

1. I know that she was the queen of England a long time ago.
2. No, I don't think it would be fun to live such a long time ago.

Vocabulary Preview

1. ultimately
2. traditional
3. progress
4. field
5. steadily
6. social

Comprehension Check

1. c
2. d
3. b
4. d
5. a

Summary

1. London
2. queen
3. changes
4. duty
5. progress

Writing

(Answers may vary.)

1. She was 18 years old.
2. Yes. She was very popular.
3. People's sense of social duty increased during Queen Victoria's time as queen.

Unit 15 On the Move

Warm-Up

(Answers may vary.)

1. The desert is hot, and there is no water.
2. I would need boxes to pack my stuff. I'd also need a moving truck to get all my things to my new home.

Vocabulary Preview

1. tent
2. Arabic
3. nomad
4. Saudi Arabia
5. desert
6. camel

Comprehension Check

1. c
2. c
3. d
4. b
5. c

Summary

1. beautiful
2. Arabic
3. nomads
4. tents
5. caravans

Writing

(Answers may vary.)

1. The Bedouins move to look for food and fresh fields for their animals.
2. The Bedouins use camels to move their things.
3. The camels can travel for many days without food and water.

Unit 16 French Food

Warm-Up

(Answers may vary.)

1. I like Mexican food because it is spicy.
2. I have eaten foods from Italy, like lasagna and spaghetti.

Vocabulary Preview

1. spoil
2. prepare
3. pair
4. distinguished
5. custom
6. ingredient

Comprehension Check

1. c
2. c
3. a
4. c
5. b

Summary

1. Italy
2. good
3. chefs
4. art
5. frog

Writing

(Answers may vary.)

1. She moved to marry a man who would become king.
2. They used spices to change the taste of spoiled food.
3. Food took longer to prepare and used complicated recipes.

Unit 17 Wolves on the Hunt

Warm-Up

(Answers may vary.)

1. They hunt other animals to feed themselves and their young.
2. To hunt successfully, an animal must be able to find, catch, and kill its prey. To complete so many steps successfully is not easy.

Vocabulary Preview

1. wound
2. pack
3. identify
4. difficult
5. enable
6. moose

Comprehension Check

1. c
2. a
3. b
4. b
5. b

Summary

1. seriously
2. testing
3. weaker
4. plan
5. chasing

Writing

(Answers may vary.)

1. Moose and deer are among the animals hunted by wolves.
2. For wolves, testing is rushing toward an animal to see if it is weak.
3. Wolves weaken their prey by biting them and causing wounds.

Unit 18 Nature Is Everywhere

Warm-Up

(Answers may vary.)

1. My favorite animal is the cheetah. Cheetahs are very fast.
2. Squirrels, rabbits, and chipmunks all live near my house. Sometimes, I even see deer!

Vocabulary Preview

1. crowded
2. huge
3. urban
4. unusual
5. unique
6. inspire

Comprehension Check

1. a
2. c
3. a
4. c
5. b

Summary

1. cities
2. impression
3. crowded
4. unique
5. Boston

Writing

(Answers may vary.)

1. Monkeys are common in Delhi.
2. Sometimes deer block the road to the White House.
3. Swans sometimes attack people.

Unit 19 Marco Polo Goes to China

Warm-Up

(Answers may vary.)

1. Italy is a country in Europe. It is shaped like a boot.
2. China is a country in Asia. It is very large.

Vocabulary Preview

1. admire
2. journey
3. Mongol
4. significant
5. European
6. bias

Comprehension Check

1. b
2. b
3. c
4. c
5. b

Summary

1. China
2. Mongol
3. 26
4. book
5. Europeans
6. studied

Writing

(Answers may vary.)

1. Marco Polo was 17 when he traveled to China.
2. It took 26 years for Marco Polo to get back to Italy.
3. Europeans had never heard of rice-wine, coal, or paper money.

Unit 20 The Technology of World War I

Warm-up

(Answers may vary.)

1. Guns and bombs are used in modern wars.
2. Airplanes allowed battles to be fought in the air as well as on the ground.

Vocabulary Preview

1. enemy
2. submarine
3. battle
4. protect
5. improve
6. telegraph

Comprehension Check

1. b
2. b
3. c
4. c
5. a

Summary

1. fought
2. airplanes
3. battles
4. aviators
5. allowed

Writing

(Answers may vary.)

1. Ships and submarines communicated using radio telegraphs.
2. The Red Baron was a famous German aviator.
3. Barbed wire was used to line the long holes where the soldiers were fighting.

Unit 1 Think & Write: Outline

1 st Paragraph	Thesis	Directors are the most <u>important</u> people involved in the creation of a film.
2 nd Paragraph	Main Idea	Directors do <u>many things</u> on a <u>film</u> .
	Detail	They decide on the <u>lighting</u> and the <u>pace</u> .
		They also bring <u>everyone's ideas</u> together.
3 rd Paragraph	Main Idea	<u>Directors</u> are recognizable by their styles.
	Detail	Steven Spielberg mixes action and comedy.
		Alfred Hitchcock provides <u>exciting</u> expectations through the cutting of visual images.
4 th Paragraph	Main Idea	James Cameron made 3D movies <u>popular</u> again.
	Detail	He <u>established</u> new techniques for making movies on <i>Avatar</i> and <i>Titanic</i> .

Unit 2 Think & Write: Compare & Contrast

	Kelly Clarkson	Jennifer Hudson
Viewer Reaction	most votes	least votes
<i>American Idol</i> Finish	1st	7th
Further Success	became a pop star	won an Academy Award

Unit 3 Think & Write: Cause & Effect

Cause	George's parents purchased a <u>piano</u> when he was just <u>12</u> .
Effect 1	Therefore, he started taking <u>lessons</u> .
Effect 2	As a result, he started <u>playing</u> in stores and <u>making</u> his own music.
Cause	People think of Gershwin as one of America's best <u>composers</u> .
Effect 1	Therefore, he was named a <u>member</u> of the Long Island Music Hall of Fame.
Effect 2	As a result, there is a <u>theater</u> named after him in New York.

Unit 4 Think & Write: Sequence

Step 1

1. b
2. d
3. e
4. a
5. c

Step 2

The Modern Sculpture of Rodin	
1	First, Rodin would make a clay model.
2	Next, he would make a mold using plaster.
3	After that, he would make a mold out of wax.
4	Then, the wax mold was used to make a ceramic mold.
5	Finally, he poured bronze into the ceramic mold.

Unit 5 Think & Write: Cause & Effect

Cause	Because the game was played at <u>Rutgers</u> , it was played under <u>Rutgers's</u> rules.
Effect 1	<u>Rutgers</u> won the game with six goals to <u>Princeton's</u> four.
Effect 2	The two teams played a <u>rematch</u> a week later.
Cause	In the next season, <u>Columbia</u> University also began to play American football.
Effect 1	Most other <u>colleges</u> in the East followed soon after.
Effect 2	The game's <u>future</u> has been definite ever since.

Unit 6 Think & Write: Cause & Effect

Cause	People couldn't play <u>tennis</u> outdoors because it was too <u>cold</u> .
Effect 1	So, ping pong was started as after-dinner <u>entertainment</u> .
Effect 2	As a result, people played ping pong, or <u>table tennis</u> when it was too cold outside.
Cause	Ping pong was first played with ordinary <u>objects</u> .
Effect 1	So, better nets, balls, and <u>paddles</u> were made.
Effect 2	As a result, players could add <u>speed</u> when they hit the ball.

Unit 7 Think & Write: Outline

1 st Paragraph	Thesis	Ocean <u>currents</u> affect the weather.
2 nd Paragraph	Main Idea	Warm water spreads to <u>cooler</u> regions.
	Detail	The Gulf Stream helps to <u>warm</u> <u>Europe</u> .
3 rd Paragraph	Main Idea	Currents create <u>clouds</u> which <u>produce</u> rain.
	Detail	Warm water currents make <u>storms</u> <u>more</u> powerful.
4 th Paragraph	Main Idea	Ocean currents influence the <u>weather</u> in many ways.
	Detail	Currents distribute the <u>sun's</u> <u>heat</u> which affects the weather.

Unit 8 Think & Write: Compare & Contrast

	Corals	Other Animals
Location	inside coral reefs	around coral reefs
People's Affect	break off pieces	hunt them
Alive or Dead?	both	alive

Unit 9 Think & Write: Cause & Effect

Cause	Soap's <u>ability</u> to break down different substances is the key to its usefulness.
Effect 1	It can <u>remove</u> stuff like oil and dirt.
Effect 2	As a result, soap is in most <u>sinks</u> and showers.
Cause	Oil and water do not mix, so people use <u>soap</u> to clean themselves throughout the day.
Effect 1	Dispensers in bathrooms with liquid soap mean people can <u>wash</u> their hands easily.
Effect 2	<u>Bar</u> soap is another convenient item for getting clean.

Unit 10 Think & Write: Sequence

Step 1

1. d
2. e
3. a
4. b
5. c

刪除: .

Step 2

Space Shuttles and the Atmosphere	
1	When a shuttle reenters the atmosphere, it is like traveling through a vacuum cleaner.
2	Gravity tries to pull the shuttle toward Earth.
3	The shuttle has to enter Earth's atmosphere at a safe speed.
4	The space shuttle uses drag to weaken the strength of gravity.
5	The slower speed allows the shuttle to enter Earth's atmosphere safely.

Unit 11 Think & Write: Compare & Contrast

	Thomas Paine Before 1774	Thomas Paine After 1774
Where He Lived	England	America
What He Did	many different jobs	writer and editor
What People Thought of Him	bad worker	great writer

Unit 12 Think & Write: Problem & Solution

Problem
It was hard to get <u>books</u> because they had to be hand-copied. Johannes Gutenberg needed <u>money</u> to invent the printing press. Books were <u>expensive</u> ; meaning a lot of people could not <u>afford</u> them.
Solution
Gutenberg <u>invented</u> the printing press. Gutenberg <u>borrowed</u> money from his brother-in-law. The printing press <u>allowed</u> books to be copied more easily, making them <u>cheaper</u> .

Unit 13 Think & Write: Outline

1 st Paragraph	Thesis	Michael Bloomberg is a successful <u>businessman</u> , billionaire, and the 108 th mayor of New York City.
2 nd Paragraph	Main Idea	Bloomberg’s parents taught him the value of hard work and not to <u>give up</u> .
	Detail	These lessons helped him <u>succeed</u> .
3 rd Paragraph	Main Idea	After Bloomberg lost his job, he <u>started</u> a new <u>company</u> called Bloomberg L.P.
	Detail	Bloomberg L.P. provides business news to <u>customers</u> worldwide.
		Every year, Bloomberg L.P. earns <u>billions</u> of dollars.
4 th Paragraph	Main Idea	Bloomberg became the mayor of New <u>York</u> City.
	Detail	He works to <u>reduce</u> poverty and crime.
		He supports education and job <u>creation</u> .

Unit 14 Think & Write: Cause & Effect

Cause	Queen Victoria was a <u>young</u> ruler, becoming queen as a teenager. However, she was very <u>popular</u> .
Effect 1	The proud people of her country helped the United Kingdom become <u>larger</u> .
Effect 2	She was even made the high <u>ruler</u> of India.
Cause	Victoria helped people develop a sense of <u>social</u> duty.
Effect 1	Because of this, the Victorian period was filled with many <u>changes</u> and new ways of thinking.
Effect 2	<u>Democracy</u> and <u>rights</u> for women began to be present in society.

Unit 15 Think & Write: Sequence

Step 1

1. e
2. a
3. d
4. c
5. b

Step 2

Bedouin Travel	
1	The Bedouins move from place to place.
2	They travel in the desert looking for food and fresh fields.
3	When they find a place to settle, the Bedouins set up tents.
4	They carry their things on the backs of their camels.
5	Camels are able to carry about 200 pounds while walking many miles with little food or water.

Unit 16 Think & Write: Cause & Effect

Cause	In the 1500s, people in France tried to <u>hide</u> food that had <u>spoiled</u> .
Effect 1	So, they added <u>spices</u> to foods.
Effect 2	As a result, France was not known for its <u>good</u> food.
Cause	Catherine de Medici moved to France from <u>Italy</u> .
Effect 1	She brought <u>chefs</u> from Italy to France.
Effect 2	She changed the way people in France <u>thought</u> about <u>food</u> .

Unit 17 Think & Write: Cause & Effect

Cause	A large <u>animal</u> like a moose can <u>seriously</u> harm a single wolf.
Effect 1	Wolves hunt in <u>groups</u> called packs.
Effect 2	Packs use different hunting <u>techniques</u> .
Cause	Wolves must identify <u>weak</u> animals and <u>kill</u> them for food.
Effect 1	They use <u>testing</u> to decide which animal to attack.
Effect 2	Even in a <u>pack</u> , hunting remains difficult.

Unit 18 Think & Write: Outline

1 st Paragraph	Thesis	Nature can be found in <u>cities</u> , too.
2 nd Paragraph	Main Idea	Different cities have <u>unique</u> animals.
	Detail	<u>Monkeys</u> live in Delhi, India. Traffic problems in <u>Washington, DC</u> are sometimes caused by deer.
3 rd Paragraph	Main Idea	Look around <u>lakes</u> to find more urban animals.
	Detail	Swans in Hyde Park sometimes <u>attack</u> people. <i>Make Way for Ducklings</i> was inspired by the ducks in Boston.

Unit 19 Think & Write: Compare & Contrast

	Europe Before Marco's Trip	Europe After Marco's Trip
Coal	unknown	known
Paper Money	unknown	used
Books	existed	existed
Chinese Customs	unknown	understood

Unit 20 Think & Write: Sequence

Step 1

1. e
2. c
3. b
4. d
5. a

Step 2

The Technology of World War I	
1	The battles of World War I were fought in the air, at sea, and on land.
2	For the first time ever, airplanes were used in battle.
3	Secondly, ships and submarines communicated with radio telegraphs.
4	Moreover, tanks helped to protect soldiers and kill enemies.
5	Finally, long holes were lined with barbed wire.