Future Literacy 100-1
Student Book

p.10 Read and Think

(*Answers will vary.*)

I'm interested in cats. They are very cute.

Unit 1. The Unicorn of the Sea

p.12 Warm Up

(Answers will vary.)

Sea animals are unusual to me. I have never seen those.

p.13 Vocabulary Zone

A.

1. male
2. tusk
3. creature
4. whisker
5. female
6. hunt

B.

1. middle
2. bottom
3. top

C.

1. male
2. hunt
3. tusk

p.15 Reading

B. (*Answers will vary.*)

I can hold my breath for up to 20 seconds.

C.

1. <u>They live in the Arctic Ocean.</u>
2. to sense things

p.16 Literacy Training

A.

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

B. 1, 2

C.

1. them
2. tusk

p.17 Literacy Upgrade

A.

1. creatures
2. tooth
3. sense

C.

1. whisker
2. claw

Unit 2. The Fastest Punch

p.18 Warm Up

(*Answers will vary.*)

I think whales are the strongest animals in the ocean. They are huge, black, gray, and white.

p.19 Vocabulary Zone

A.

1. force
2. secret
3. interesting
4. punch
5. quick
6. blink

B.
1. middle
2. top
3. bottom
C.
1. force
2. punch
3. secret

p.21 Reading

B. (*Answers will vary.*)
In the blink of an eye, we arrived at home.
C.
1. punch, eyes
2. Unlike humans, mantis shrimps can even see ultraviolet light.

p.22 Literacy Training

A.
1. b
2. d
3. a
4. a
B. 2
C.
1. tiny
2. gunshot

p.23 Literacy Upgrade

B.
1. thick
2. tall
3. long
C.
1. The mountain is 4,000 meters high.
2. The baby is about 50 cm long.

Unit 3. Animals That Clean!

p.24 Warm Up

(*Answers will vary.*)
Both have round edges and long bodies. Earthworms can be found when it's raining.

p.25 Vocabulary Zone

A.
1. earthworm
2. garbage
3. dirty
4. environment
5. vacuum cleaner
6. sea cucumber
B.
1. bottom
2. top
3. middle
C.
1. sea cucumber
2. environment
3. vacuum cleaner

p.27 Reading

B. (*Answers will vary.*)
The caterpillar turned into a butterfly.
C.
1. They both keep their environment clean.
2. healthy soil

p.28 Literacy Training

A.
1. c
2. b
3. b
4. b
B. 1, 3
C.
1. sand
2. healthy

p.29 Literacy Upgrade

B.

Dung beetles

C.

1. bottom
2. top
3. middle

D.

1. legs
2. under the ground

Unit 4. The Gecko Lizard

p.30 Warm Up

(*Answers will vary.*)

I know that lizards have molting. I think it's incredible.

p.31 Vocabulary Zone

A.

1. surface
2. stick
3. lizard
4. upside down
5. control
6. tape

B.

1. bottom
2. top
3. middle

C.

1. surface
2. upside down
3. control

p.33 Reading

B. (*Answers will vary.*)

There are millions of people in the concert.

C.

1. They can climb walls like Spider-Man!
2. tape

p.34 Literacy Training

A.

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

B. 3

C.

1. lizards
2. hairs

p.35 Literacy Upgrade

B. Dino

C. scales and tongues.

D.

1. reptile
2. scales
3. sticky
4. fast

p. 36 Read and Think

(*Answers will vary.*)

This is because it connects with the modern world. I would choose the ancient times.

Unit 5. Amazing Ancient Egypt!

p.38 Warm Up

(*Answers will vary.*)

People want to directly experience the building's history. We can find this in Egypt.

p.39 Vocabulary Zone

A.

1. advanced
2. monument
3. farming

4. calendar
5. basic
6. science

B.
1. bottom
2. top
3. middle

C.
1. science
2. advanced
3. monument

p.41 Reading

B. (*Answers will vary.*) I am not good at drawing.

C.
1. amazing
2. The ancient Egyptians were good at science and math.
The ancient Egyptians were also good at building.

p.42 Literacy Training

A.
1. a
2. c
3. c
4. c

B. 1, 3

C.
1. Nile
2. tools

p.43 Literacy Upgrade

A.
1. amazing
2. began
3. math
4. buildings

C.
1. incredible
2. near
3. enormous

Unit 6 The Tomb of Tutankhamun

p.44 Warm Up

(*Answers will vary.*)
I feel excited.
I think I can find the mummy.

p.45 Vocabulary Zone

A.
1. thief
2. contain
3. statue
4. hidden
5. object
6. furniture

B.
1. middle
2. bottom
3. top

C.
1. hidden
2. object
3. contain

p.47 Reading

B. (*Answers will vary.*)
I can't wait for something amazing to happen!

C.
1. This one was hidden from thieves. / The rooms were full of beautiful objects from 1300 BCE.
2. statues, paintings, jars, furniture, mummy

p.48 Literacy Training

A.
1. a
2. c
3. d

4. c

B. (no correct sentences)

C.

1. Egypt
2. thieves

p.49 Literacy Upgrade

B.

1. Last summer, she was building a sandcastle at the beach.
2. The birds were singing when the sun came up.
3. Yesterday at 3 p.m., I was playing with my toys.

C.

1. It was raining yesterday evening.
2. The cats were sleeping on the couch.
3. The kids were laughing by the pond.

Unit 7. A Queen's Mystery

p.50 Warm Up

(*Answers will vary.*)

Yes, King Sejong was a famous king in Korea.

p.51 Vocabulary Zone

A.

1. pin
2. kill
3. give in
4. attack
5. bury
6. queen

B.

1. bottom
2. top
3. middle

C.

1. kill
2. attack
3. give in

p.53 Reading

B. (*Answers will vary.*)

No one knows why she cried.

C.

1. Some people think a snake bite caused her death.
Others believe she used a special pin with poison on it.
2. No one knows where she is buried.

p.54 Literacy Training

A.

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

B. 2

C.

1. over
2. kill

p.55 Literacy Upgrade

B. Egypt pyramids

C. Mason, Rosie

Unit 8. The Gods of Ancient Egypt

p.56 Warm Up

(*Answers will vary.*)

I heard about Osiris. Ancient Egyptians might have believed that gods had the power of fertility.

p.57 Vocabulary Zone

A.

1. god
2. lioness
3. death
4. colorful

5. religion
6. hawk

B.
1. top
2. bottom
3. middle

C.
1. lioness
2. religion
3. god

p.59 Reading

B. (*Answers will vary.*)
It is essential to keep the rules.

C.
1. He had a man's body but a hawk's head.
2. We have learned about these gods from colorful paintings on ancient Egyptian walls.

p.60 Literacy Training

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

B. 3

C.
1. sun
2. Sekhmet

p.61 Literacy Upgrade

B.
1. sun
2. head

C. People made statues of them and told stories about them.

p.62 Read and Think

(*Answers will vary.*)
I like to watch soccer games. I won a badminton game when I was 13.

Unit 9. The Longest Tennis Match

p.64 Warm Up

(*Answers will vary.*)
I like to play badminton. It usually takes about 40 minutes.

p.65 Vocabulary Zone

A.
1. tournament
2. final
3. last
4. match
5. total
6. tennis

B.
1. bottom
2. middle
3. top

C.
1. tournament
2. total
3. last

p.67 Reading

B. (*Answers will vary.*)
My vacation lasted for two weeks.

C.
1. The set lasted for 8 hours and 11 minutes.
2. Isner

p.68 Literacy Training

A.
1. a
2. a
3. a
4. c

B. 1, 3

C.
1. two
2. longest

p.69 Literacy Upgrade

A.
1. tennis
2. games
3. total
4. match

C.
1. lose
2. shortest
3. bottom

Unit 10. Most Red Cards in a Soccer Game

p.70 Warm Up

(*Answers will vary.*)
He is getting out a yellow card. I know there's an offside rule in soccer.

p.71 Vocabulary Zone

A.
1. incredible
2. referee
3. common
4. rare
5. half
6. player

B.
1. middle
2. top
3. bottom

C.
1. half
2. incredible
3. rare

p.73 Reading

B. (*Answers will vary.*)
Because of the dog, I had to clean the room.

C.
1. In the first half, two players got red cards.
2. Because of the fight, all the other players on the field got red cards. Some coaches and other team members got red cards, too.

p.74 Literacy Training

A.
1. c
2. b
3. c
4. c

B. 2, 3

C.
1. common
2. fight

p.75 Literacy Upgrade

B.
1. but
2. or
3. and

C.
1. My brother is very tall, but my sister is short.
2. The sky was clear, and the stars were bright.

Unit 11. Most Wins by an NBA team

p.76 Warm Up

(*Answers will vary.*)
I don’t know about the rules of basketball. I don’t like to play basketball.

p.77 Vocabulary Zone

A.
1. teamwork

2. success
3. record
4. shot
5. point
6. score

B.
1. middle
2. bottom
3. top

C.
1. record
2. score
3. point

p.79 Reading

B. (*Answers will vary.*)
She set a record in high jump.

C.
1. the Golden State Warriors
2. They won 24 games before they lost one.

p.80 Literacy Training

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

B. 2

C.
1. record
2. teamwork

p.81 Literacy Upgrade

B.
1. bottom
2. middle
3. top

C.
1. c
2. d
3. c

Unit 12. How We Measure Sports Records

p.82 Warm Up

(*Answers will vary.*)
This is because sports must be fair. To make accurate decisions.

p.83 Vocabulary Zone

A.
1. race
2. accurate
3. fair
4. judge
5. stopwatch
6. laser

B.
1. top
2. bottom
3. middle

C.
1. judge
2. race
3. accurate

p.85 Reading

B. (*Answers will vary.*)
My father solved the puzzle in a second.

C.
1. People used a stopwatch in the past.
2. This camera can take 2,000 pictures a second!

p.86 Literacy Training

A.
1. b
2. c
3. c
4. c

B. 1, 3

C.

1. stopwatch
2. camera

p.87 Literacy Upgrade

B. c

C.

1. She got them last week.
2. They track distance and pace, and let her know when they've hit 500 miles.

p.88 Read and Think

(*Answers will vary.*)

People used fences to protect their homes. There are door locks and security guards now.

Unit 13. Surveillance Cameras

p.90 Warm Up

(*Answers will vary.*)

I have. South Korea uses CCTV cameras.

p.91 Vocabulary Zone

A.

1. block
2. public
3. recognize
4. surveillance
5. steal
6. criminal

B.

1. bottom
2. top
3. middle

C.

1. steal
2. surveillance
3. recognize

p.93 Reading

B. (*Answers will vary.*)

In winter, there are fewer people who want iced beverages.

C.

1. <u>CCTVs can recognize cars. Some CCTVs can even recognize people's faces.</u>
2. crime

p.94 Literacy Training

A.

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

B. 1, 3

C.

1. surveillance
2. criminals

p.95 Literacy Upgrade

A.

1. public
2. recognize
3. find
4. control

B.

1. crime
2. place
3. safe
4. face
5. find

Unit 14. The Story of Door Alarms

p.96 Warm Up

(*Answers will vary.*)

dogs, cats

I hear footsteps.

p.97 Vocabulary Zone

A.
1. honk
2. add
3. guard
4. chime
5. ring
6. stranger

B.
1. bottom
2. top
3. middle

C.
1. strangers
2. honk
3. add

p.99 Reading

B. (*Answers will vary.*)
He added more color to the painting.

C.
1. Some people had guard geese in their yards.
2. chimes

p.100 Literacy Training

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

B. 1

C.
1. bells
2. musical

p.101 Literacy Upgrade

B.
1. Kris feels happy.
2. I feel nervous before a test.
3. The puppy's fur feels soft.

C.
1. The sand feels warm.
2. They feel excited about their vacation.

Unit 15. Present Home Security

p.102 Warm Up

(*Answers will vary.*)
There are card access systems, voice recognition, and so on. Yes, I have.

p.103 Vocabulary Zone

A.
1. private
2. copy
3. button
4. security
5. fingerprint
6. lock

B.
1. bottom
2. top
3. middle

C.
1. private
2. security
3. button

p.105 Reading

B. (*Answers will vary.*)
Nobody has the same talent that you have.

C.
1. keys or cards
2. The scanner takes pictures of a person's finger.

p.106 Literacy Training

A.
1. b
2. a

3. d
4. c
B. 2, 3
C.
1. cameras
2. Fingerprints

p.107 Literacy Upgrade
B.
1. A finger touch can do it.
2. They listen and recognize your voice.
3. Some cameras can look at our faces and know it's us.
C. fingers, faces, or voices

Unit 16. The Future of Home Security

p.108 Warm Up
(*Answers will vary*.)
In the future, facial recognition systems will be adopted. Yes, I think it could be possible.

p.109 Vocabulary Zone
A.
1. gas
2. drone
3. technology
4. sense
5. poison
6. robot
B.
1. middle
2. bottom
3. top
C.
1. technology
2. robot
3. gas

p.111 Reading
B. (*Answers will vary*.)
Artists often express what they see in their artwork.
C.
1. Technology is getting better and better.
2. doors, robots

p.112 Literacy Training
A.
1. c
2. a
3. c
4. c
B. 1, 2, 3
C.
1. sense
2. yard

p.113 Literacy Upgrade
B. c
C.
1. in the school gym
2. It starts on September 21st.

Future Literacy 100-1 Workbook

Unit 1. The Unicorn of the Sea

p. 4 Vocabulary Check

A.

Across

2. hunt
5. creatures
6. male

Down

1. whiskers
3. female
4. tusk

Secret word: sense

B.

1. Narwhals live in the Arctic Ocean.
2. Some can grow up to 2.7 meters long.
3. Actually, scientists are not sure what they're for.

p. 5 Comprehension Check

A.

1. Narwhals have a long tooth.
2. Narwhals use their tusks to sense things.
3. Cats' whiskers do a similar job to narwhals' tusks.

B.

1. F
2. F
3. F

p. 5 Summary

1. creatures
2. unusual
3. tusk
4. tooth
5. hunt
6. whiskers

Unit 2. The Fastest Punch

p. 6 Vocabulary Check

A.

Across

5. interesting
6. blink

Down

1. secret
2. force
3. punch
4. quick

Secret word: hunting

B.

1. The mantis shrimp is a tiny sea creature.
2. The mantis shrimp has superhero strength.
3. The mantis shrimp's punch is also very quick.

p. 7 Comprehension Check

A.

1. The mantis shrimp has a fast punch.
2. The shrimp's punch has the same force as a gunshot.
3. The mantis shrimp punches when it hunts.

B.

1. F
2. F
3. T

p. 7 Summary

1. tiny
2. long
3. punch
4. quick
5. blink
6. see

Unit 3. Animals That Clean!

p. 8 Vocabulary Check

A.

Across

2. environment

4.vacuum cleaner

5. garbage

6. dirty

Down

1. sea cucumber

3. earthworm

Secret word: better

B.

1. Sea cucumbers and earthworms do the same job.

2. The earthworm eats the garbage of the earth.

3. It turns the garbage into healthy soil.

p. 9 Comprehension Check

1. The sea cucumber lives in the ocean.

2. The earthworm digs path in the dirt.

3. Earthworms help plants grow.

B.

1. T

2. F

3. F

p. 9 Summary

1. environment

2. dirty

3. grow

4. garbage

5. healthy

6. air

Unit 4. The Gecko Lizard

p. 10 Vocabulary Check

A.

Across

2. upside down

4. control

6. lizards

Down

1. surfaces

3. stick

5. tape

Secret word: special

B.

1. Geckos can climb walls like Spider-Man.

2. A gecko's foot has millions of tiny hairs on it.

3. The gecko's tiny hairs stick to surfaces.

p. 11 Comprehension Check

A.

1. A gecko is a lizard.

2. Geckos can move quickly upside down.

3. Scientists want to make a tape that sticks like a gecko's feet.

B.

1. T

2. T

3. F

p. 11 Summary

1. climb

2. hairs

3. surfaces

4. upside down

5. tape

6. stick

Unit 5. Amazing Ancient Egypt!

p. 12 Vocabulary Check

A.

Across

5. calendar
6. science

Down

1. advanced
2. monuments
3. farming
4. basic

Secret word: building

B.

1. Ancient Egypt began in about 3100 BCE around the Nile River.
2. The ancient Egyptians were also good at building.
3. Some buildings are still standing thousands of years later.

p. 13 Comprehension Check

A.

1. Ancient Egyptians used river water for their farms.
2. Ancient Egyptian tools were basic.
3. Ancient Egyptians cut and moved large stones.

B.

1. F
2. T
3. F

p. 13 Summary

1. farming
2. advanced
3. language
4. calendar
5. basic
6. monuments

Unit 6 The Tomb of Tutankhamun

p. 14 Vocabulary Check

A.

Across

1. thieves
5. furniture
6. statues

Down

2. hidden
3. contained
4. objects

Secret word: found

B.

1. In 1922, Howard Carter was digging in Egypt.
2. There were many other ancient tombs in Egypt.
3. Experts study these objects to learn about ancient Egypt.

p. 15 Comprehension Check

A.

1. Howard Carter was digging for ancient objects.
2. There was furniture in the room.
3. The king's mummy was in a gold box.

B.

1. F
2. F
3. F

p. 15 Summary

1. hidden
2. thieves
3. objects
4. furniture
5. gold
6. contained

Unit 7. A Queen's Mystery

p. 16 Vocabulary Check

A.

Across

1. attacked
3. queen
4. give in

Down

2. killed
5. buried
6. pin

Secret word: ancient

B.

1. Cleopatra was a famous queen of ancient Egypt.
2. Cleopatra would not give in to the Romans.
3. No one knows where Cleopatra is buried.

p. 17 Comprehension Check

A.

1. Cleopatra was a famous Egyptian queen.
2. The Romans attacked Egypt.
3. Cleopatra might have let a snake bite her.

B.

1. F
2. F
3. T

p. 17 Summary

1. queen
2. attacked
3. give in
4. killed
5. pin
6. buried

Unit 8. The Gods of Ancient Egypt

p. 18 Vocabulary Check

A.

Across

1. religion
4. god
5. death

Down

2. lioness
3. colorful
6. hawk

Secret word: head

B.

1. Religion was essential to the ancient Egyptians.
2. Some of the gods looked magical and strange.
3. Sekhmet had the head of a lioness.

p. 19 Comprehension Check

A.

1. The Egyptians had many gods.
2. Ra was the god of life.
3. Sekhmet had the head of a lioness.

B.

1. F
2. T
3. F

p. 19 Summary

1. religion
2. gods
3. hawk
4. lioness
5. death
6. colorful

Unit 9. The Longest Tennis Match

p. 20 Vocabulary Check

A.

Across

3. total
4. tournament
5. lasted

Down

1. final
2. match
3. tennis

Secret word: set

B.

1. The player must win two more games than the other player.
2. The set lasted for 8 hours and 11 minutes.
3. At last, Isner won the set.

p. 21 Comprehension Check

A.

1. John Isner and Nicolas Mahut are tennis players.
2. To win a set, a player must win six games.
3. It was the longest match ever!

B.

1. F
2. T
3. T

p. 21 Summary

1. match
2. tournament
3. final
4. lasted
5. total
6. tennis

Unit 10. Most Red Cards in a Soccer Game

p. 22 Vocabulary Check

A.

Across

1. players
4. common
5. rare
6. half

Down

2. referee
3. incredible

Secret word: field

B.

1. Yellow cards are common in soccer games.
2. The referee gave out 36 red cards.
3. In the second half, a big fight started.

p. 23 Comprehension Check

A.

1. In soccer, yellow cards are common.
2. Two players got red cards in the first half.
3. The referee gave 36 red cards in the match.

B.

1. F
2. F
3. F

p. 23 Summary

1. common
2. rare
3. referee
4. incredible
5. players
6. half

Unit 11. Most Wins by an NBA team

p. 24 Vocabulary Check

A.

Across

4. shots
5. scored
6. teamwork

Down

1. success
2. points
3. record

Secret word: season

B.

1. In 2016, the Golden State Warriors had great success.
2. The Golden State Warriors had the best start to a season.
3. The Golden State Warriors are an amazing team.

p. 25 Comprehension Check

1. The team set a new NBA record.
2. Stephen Curry set a record for long shots.
3. The team was successful.

B.

1. T
2. T
3. F

p. 25 Summary

1. success
2. games
3. records
4. scored
5. points
6. amazing

Unit 12. How We Measure Sports Records

p. 26 Vocabulary Check

A.

Across

3. race
4. fair
5. stopwatch
6. judges

Down

1. lasers
2. accurate

Secret word: choice

B.

1. How do we measure time in sports?
2. Judges can use a special camera.
3. VAR helps referees make a better choice.

p. 27 Comprehension Check

A.

1. People used a stopwatch in the past.
2. Special cameras take 2,000 pictures a second.
3. VAR is used in soccer games.

B.

1. T
2. T
3. T

p. 27 Summary

1. stopwatch
2. advanced
3. races
4. lasers
5. soccer
6. fair

Unit 13. Surveillance Cameras

p. 28 Vocabulary Check

A.

Across

2. steal
5. criminals
6. surveillance

Down

1. recognize
3. public
4. blocks

Secret word: stolen

B.

1. South Korea has millions of surveillance cameras.
2. South Koreans call them CCTVs.
3. South Korea wants less crime.

p. 29 Comprehension Check

A.

1. Some CCTVs recognize people's faces.
2. The surveillance cameras are in public places.
3. The cameras help find criminals.

B.

1. T
2. F
3. T

p. 29 Summary

1. surveillance
2. public
3. blocks
4. recognize
5. control
6. steal

Unit 14. The Story of Door Alarms

p. 30 Vocabulary Check

A.

Across

1. chimes
3. rang
5. strangers
6. added

Down

2. honked
4. guard

Secret word: idea

B.

1. When the door opened, the bell rang loudly.
2. Years passed, and new ideas came.
3. People found better ways to feel safe.

p. 31 Comprehension Check

A.

1. People put bells on doors a long time ago.
2. Some people kept guard geese in their yards.
3. Mr. Tildesley invented a unique door alarm.

B.

1. F
2. F
3. F

p. 31 Summary

1. rang
2. guard
3. honked
4. strangers
5. added
6. chimes

Unit 15. Present Home Security

p. 32 Vocabulary Check

A.

Across

1. copy
4. lock
5. fingerprint
6. buttons

Down

2. private
3. security

Secret word: key

B.

1. Many houses today have special ways to keep safe.
2. Fingerprint scanners are used a lot.
3. The scanner takes pictures of a person's finger.

p. 33 Comprehension Check

A.

1. A digital door lock is simple.
2. A digital door lock uses numbers to open.
3. Fingerprint scanners are used a lot.

B.

1. T
2. T
3. F

p. 33 Summary

1. lock
2. push
3. buttons
4. private
5. cameras
6. fingerprint

Unit 16. The Future of Home Security

p. 34 Vocabulary Check

A.

Across

3. technology
4. gas
5. sense
6. drones

Down

1. robots
2. poison

Secret word: help

B.

1. Today's home security systems will change.
2. Doors might sense you when you are close.
3. Little flying drones can fly around your house.

p. 35 Comprehension Check

A.

1. Technology is becoming better over time.
2. Robots can communicate with you.
3. Little drones might be used for security in the yard.

B.

1. F
2. F
3. T

p. 35 Summary

1. technology
2. sense
3. robots
4. poison
5. drones
6. security