

## READING FUTURE Change 1 ANSWER KEY Student Book

### Unit 1. Hyperloop

p. 8

#### NEW WORDS

- |           |              |
|-----------|--------------|
| 1. apart  | 2. pressure  |
| 3. magnet | 4. passenger |
| 5. float  | 6. billion   |
| 7. tube   | 8. inventor  |

p. 9

#### READING SKILLS

- However, a new idea could make this trip shorter.
- It could make the 650-kilometer trip in only thirty minutes. It would carry passengers in cars called pods. It could go 1,100 kilometers per hour, which is faster than an airplane.

p. 10

#### READING COMPREHENSION

- d
- c
- a

#### READING SKILLS

- b
- a
- c

p. 11

#### VOCABULARY

- |             |             |               |
|-------------|-------------|---------------|
| 1. float    | 2. apart    | 3. magnet     |
| 4. billions | 5. pressure | 6. passengers |

### Unit 2. City Animals

p. 12

#### NEW WORDS

- |             |                |
|-------------|----------------|
| 1. mind     | 2. moose       |
| 3. wild     | 4. southern    |
| 5. dumpster | 6. comfortable |
| 7. plenty   | 8. branch      |

p. 13

#### READING SKILLS

Title: City Animals

Main idea: One special thing about Anchorage is that moose live in the city.

p. 14

#### READING COMPREHENSION

- b
- d
- c

#### READING SKILLS

- a
- c
- b

p. 15

#### VOCABULARY

- |             |                |
|-------------|----------------|
| 1. plenty   | 2. branch      |
| 3. dumpster | 4. moose       |
| 5. mind     | 6. comfortable |

**Unit 3. The Chunnel****p. 16****NEW WORDS**

- |             |             |
|-------------|-------------|
| 1. Europe   | 2. channel  |
| 3. distance | 4. allow    |
| 5. northern | 6. tunnel   |
| 7. strait   | 8. possible |

**p. 17****READING SKILLS**

Before 1994, people had to travel by airplane or boat to cross the English Channel.

After the “Chunnel” opened, it was possible to cross the English Channel in thirty-five minutes.

**p. 18****READING COMPREHENSION**

1. d
2. b
3. b

**READING SKILLS**

1. b
2. a
3. c

**p. 19****VOCABULARY**

- |             |             |
|-------------|-------------|
| 1. distance | 2. Europe   |
| 3. northern | 4. tunnels  |
| 5. allows   | 6. possible |

**Unit 4. Manaus****p. 20****NEW WORDS**

- |                  |               |
|------------------|---------------|
| 1. South America | 2. rubber     |
| 3. reason        | 4. business   |
| 5. center        | 6. goods      |
| 7. rapidly       | 8. electronic |

**p. 21****READING SKILLS**

1<sup>st</sup> paragraph: Deep in the Amazon Rainforest is the city of Manaus, Brazil.

2<sup>nd</sup> paragraph:

- Manaus was built where two large rivers meet and become one.
- It became a center for business.

3<sup>rd</sup> paragraph: However, Manaus is still an important city.

**p. 22****READING COMPREHENSION**

1. c
2. a
3. b

**READING SKILLS**

1. c
2. b
3. a

**p. 23****VOCABULARY**

- |                  |               |
|------------------|---------------|
| 1. reason        | 2. goods      |
| 3. rubber        | 4. electronic |
| 5. South America | 6. rapidly    |

**Unit 5. The Science of Sleep****p. 24****NEW WORDS**

- |               |                  |
|---------------|------------------|
| 1. muscle     | 2. information   |
| 3. stage      | 4. cycle         |
| 5. strengthen | 6. get rid of    |
| 7. refreshed  | 8. immune system |

**p. 25****READING SKILLS**

slow-wave sleep, REM sleep

**p. 26****READING COMPREHENSION**

1. c
2. a
3. c

**READING SKILLS**

- |        |        |
|--------|--------|
| 1. c/d | 2. d/c |
| 3. a   | 4. b   |

**p. 27****VOCABULARY**

- |                  |                |
|------------------|----------------|
| 1. immune system | 2. strengthens |
| 3. get rid of    | 4. muscles     |
| 5. stage         | 6. information |

**Unit 6. Control Your Dreams****p. 28****NEW WORDS**

- |                |               |
|----------------|---------------|
| 1. signal      | 2. delightful |
| 3. sense       | 4. whole      |
| 5. control     | 6. superhero  |
| 7. temperature | 8. ideal      |

**p. 29****READING SKILLS**

1. Users put it on when they go to sleep.
2. When REM sleep starts, the band goes into action. It sends out lights. It plays low-volume sounds as signals.

**p. 30****READING COMPREHENSION**

1. b
2. a
3. a

**READING SKILLS**

- |      |      |      |
|------|------|------|
| 1. e | 2. c | 3. d |
| 4. b | 5. f | 6. a |

**p. 31****VOCABULARY**

- |                |               |
|----------------|---------------|
| 1. whole       | 2. delightful |
| 3. temperature | 4. ideal      |
| 5. superhero   | 6. sense      |

**Unit 7. Sleeping Habits****p. 32****NEW WORDS**

- |                |             |
|----------------|-------------|
| 1. lack        | 2. enable   |
| 3. period      | 4. habit    |
| 5. concentrate | 6. schedule |
| 7. performance | 8. exercise |

**p. 33****READING SKILLS**

Main idea: A lack of sleep can make concentrating hard.

Details: Exercising regularly is helpful. Relaxing before bedtime also helps. Going to bed and waking up at the same time every day is helpful. A dark bedroom at night and a bright bedroom in the morning is good.

**p. 34****READING COMPREHENSION**

1. b
2. b
3. d

**READING SKILLS**

1. c
2. b
3. a

**p. 35****VOCABULARY**

- |                |                |
|----------------|----------------|
| 1. concentrate | 2. performance |
| 3. habit       | 4. enables     |
| 5. lack        | 6. schedule    |

**Unit 8. Testing Dreams****p. 36****NEW WORDS**

- |               |             |
|---------------|-------------|
| 1. avoid      | 2. terrible |
| 3. interview  | 4. rotten   |
| 5. experiment | 6. affect   |
| 7. rose       | 8. agree    |

**p. 37****READING SKILLS**

Causes: 1) They had one group of people sleep in a room that smelled like roses.

- 2) Next, the scientists had another group of people sleep in the same room. However, this time the room smelled like rotten eggs.

Effects: 1) The people said that they had good dreams.

- 2) This time, the people said that they had bad dreams.

**p. 38****READING COMPREHENSION**

1. c
2. a
3. a

**READING SKILLS**

1. c
2. b
3. a

**p. 39****VOCABULARY**

- |           |                |
|-----------|----------------|
| 1. avoid  | 2. interviewed |
| 3. roses  | 4. rotten      |
| 5. affect | 6. terrible    |

**Unit 9. First in Flight: The Wright Brothers****p. 40****NEW WORDS**

- |               |               |
|---------------|---------------|
| 1. interested | 2. crash      |
| 3. receive    | 4. spend      |
| 5. engine     | 6. land       |
| 7. ready      | 8. helicopter |

**p. 41****READING SKILLS**

1<sup>st</sup> paragraph: a toy helicopter

2<sup>nd</sup> paragraph: a real flying machine

3<sup>rd</sup> paragraph: first in flight

Suggested answer: The wright brothers received a toy helicopter when they were young and it made them build a real flying machine and be the first in flight afterward.

**p. 42****READING COMPREHENSION**

1. d
2. d
3. b

**READING SKILLS**

1. c
2. a
3. b

**p. 43****VOCABULARY**

- |               |             |
|---------------|-------------|
| 1. helicopter | 2. crashed  |
| 3. spent      | 4. received |
| 5. interested | 6. ready    |

**Unit 10. Amelia Earhart****p. 44****NEW WORDS**

- |             |              |
|-------------|--------------|
| 1. aviation | 2. female    |
| 3. voyage   | 4. pioneer   |
| 5. return   | 6. search    |
| 7. island   | 8. navigator |

**p. 45****READING SKILLS**

In 1928, In 1932, In 1935, Two years later

**p. 46****READING COMPREHENSION**

1. b
2. d
3. a

**READING SKILLS**

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

**p. 47****VOCABULARY**

- |              |             |
|--------------|-------------|
| 1. searched  | 2. aviation |
| 3. voyage    | 4. returns  |
| 5. navigator | 6. island   |

## Unit 11. Flying Around the World

p. 48

### NEW WORDS

- |             |               |
|-------------|---------------|
| 1. globe    | 2. brief      |
| 3. original | 4. mechanical |
| 5. mission  | 6. aircraft   |
| 7. advance  | 8. army       |

p. 49

### READING SKILLS

- On December 17th, 1903, they made four brief flights.
- On April 6th, 1924 eight U.S. Army pilots took off in four airplanes from the city of Seattle, Washington.
- On September 28th, 1924, they landed back in Seattle, Washington.

p. 50

### READING COMPREHENSION

- c
- c
- d

### READING SKILLS

- c
- b
- a

p. 51

### VOCABULARY

- |             |             |
|-------------|-------------|
| 1. original | 2. army     |
| 3. brief    | 4. advanced |
| 5. aircraft | 6. mission  |

## Unit 12. Solar Flight History

p. 52

### NEW WORDS

- |                 |               |
|-----------------|---------------|
| 1. successfully | 2. delay      |
| 3. intend       | 4. solar      |
| 5. condition    | 6. determined |
| 7. renewable    | 8. technical  |

p. 53

### READING SKILLS

- Cause:  
Two pilots wanted to fly using only solar power to make people think more about renewable energy.
- Effect: They successfully completed the trip and made people think more about renewable energy sources.
- Underline the causes:  
1) They wanted to this to make people think more about renewable energy.  
2) However, technical problems and poor weather conditions caused long delays.
- Circle the effects:  
1) They successfully completed the trip after 505 days.  
2) However, technical problems and poor weather conditions caused long delays.

p. 54

### READING COMPREHENSION

- b
- c
- d

### READING SKILLS

- |      |      |      |
|------|------|------|
| 1. a | 2. c | 3. b |
|------|------|------|

p. 55

### VOCABULARY

- |                 |               |
|-----------------|---------------|
| 1. technical    | 2. intended   |
| 3. renewable    | 4. determined |
| 5. successfully | 6. delays     |

**Unit 13. Smart Sportswear****p. 56****NEW WORDS**

- |                |                 |
|----------------|-----------------|
| 1. competitive | 2. goggles      |
| 3. practice    | 4. efficient    |
| 5. athlete     | 6. coach        |
| 7. rest        | 8. professional |

**p. 57****READING SKILLS**

Cause: 1) The body, swimming cap, and goggles are all one piece.

- 2) This computer sends over 200 bits of data per second to the coach.

Effect: 1) They can swim faster and for a longer time.

- 2) The coach can see how each athlete is doing.

**p. 58****READING COMPREHENSION**

1. d
2. c
3. a

**READING SKILLS**

1. c
2. b
3. a

**p. 59****VOCABULARY**

- |                 |                |
|-----------------|----------------|
| 1. goggles      | 2. rest        |
| 3. athlete      | 4. competitive |
| 5. professional | 6. efficient   |

**Unit 14. Water Safety****p. 60****NEW WORDS**

- |          |            |
|----------|------------|
| 1. safe  | 2. survive |
| 3. tip   | 4. calm    |
| 5. sink  | 6. panic   |
| 7. drown | 8. risk    |

**p. 61****READING SKILLS**

1. You could slip and fall down. You could get hurt or fall into deep water.
2. If you don't know how to swim well, you might panic and drown.

**p. 62****READING COMPREHENSION**

1. c
2. a
3. b

**READING SKILLS**

1. b
2. c
3. a

**p. 63****VOCABULARY**

- |            |          |
|------------|----------|
| 1. risk    | 2. panic |
| 3. tip     | 4. safe  |
| 5. survive | 6. calm  |

**Unit 15. Dodgeball****p. 64****NEW WORDS**

- |              |          |
|--------------|----------|
| 1. even      | 2. field |
| 3. simple    | 4. court |
| 5. aim       | 6. odd   |
| 7. eliminate | 8. dodge |

**p. 65****READING SKILLS**

Main Idea: Dodgeball is a famous, fast, and fun game that is easy to learn and play.

Details: 1) To play a game you need four or more players.

2) You can play on any sort of field or court, as long as there is enough room.

3) It is played with two or more large, soft, rubber balls.

**p. 66****READING COMPREHENSION**

1. c
2. c
3. b

**READING SKILLS**

- |      |      |
|------|------|
| 1. c | 2. d |
| 3. a | 4. b |

**p. 67****VOCABULARY**

- |              |          |
|--------------|----------|
| 1. simple    | 2. court |
| 3. field     | 4. aim   |
| 5. Eliminate | 6. dodge |

**Unit 16. Golden Time that Saves Lives****p. 68****NEW WORDS**

- |                |           |
|----------------|-----------|
| 1. beat        | 2. repeat |
| 3. release     | 4. flat   |
| 5. compression | 6. weight |
| 7. situation   | 8. chest  |

**p. 69****READING SKILLS**

First, 1) call for an ambulance. Then, 2) press the weight of your body down on their chest and 3) release.

**p. 70****READING COMPREHENSION**

1. b
2. a
3. c

**READING SKILLS**

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

**p. 71****VOCABULARY**

- |             |              |
|-------------|--------------|
| 1. weight   | 2. beat      |
| 3. flat     | 4. situation |
| 5. repeated | 6. released  |



## READING FUTURE Change 1 ANSWER KEY Workbook

### Unit 1. Hyperloop

p. 4

#### VOCABULARY CHECK

##### Across

1. tube
5. passenger
6. magnet
7. inventor

##### Down

2. billion
3. apart
4. float
5. pressure

p. 5

#### COMPREHENSION CHECK

1. It could make it possible to travel long distances in a very short time.
2. Magnets and low air pressure
3. In California between Los Angeles and San Francisco
4. It could go up to 1,100 kilometers per hour.

#### SUMMARY

- |             |               |
|-------------|---------------|
| 1. apart    | 2. passengers |
| 3. magnets  | 4. float      |
| 5. tubes    | 6. inventor   |
| 7. billions |               |

### Unit 2. City Animals

p. 6

#### VOCABULARY CHECK

##### Across

2. wild
6. plenty
7. comfortable
8. mind

##### Down

1. moose
3. dumpster
4. southern
5. branch

p. 7

#### COMPREHENSION CHECK

1. Between 250 to 1,000 moose
2. Almost 300,000 people
3. There is plenty to eat in Anchorage.
4. Moose make the city special.

#### SUMMARY

- |                |             |
|----------------|-------------|
| 1. southern    | 2. moose    |
| 3. comfortable | 4. plenty   |
| 5. dumpsters   | 6. branches |
| 7. mind        |             |

### Unit 3. The Chunnel

p. 8

#### VOCABULARY CHECK



- |             |             |
|-------------|-------------|
| 1. tunnel   | 2. Europe   |
| 3. northern | 4. distance |
| 5. strait   | 6. channel  |
| 7. allow    | 8. possible |

p. 9

#### COMPREHENSION CHECK

1. It is a sea between southern England and northern France.
2. People traveled by airplane or boat.
3. A train that travels in a tunnel opened.
4. It comes from putting together the words "channel" and "tunnel."

#### SUMMARY

- |             |             |
|-------------|-------------|
| 1. Europe   | 2. northern |
| 3. Strait   | 4. distance |
| 5. tunnel   | 6. allows   |
| 7. possible |             |

### Unit 4. Manaus

p. 10

#### VOCABULARY CHECK

##### Across

1. center
4. South America
5. rapidly
6. rubber
7. goods

##### Down

2. electronic
3. business
6. reason

p. 11

#### COMPREHENSION CHECK

1. More than 1.5 million
2. Where two large rivers meet
3. In the 1900s
4. Electronic goods

#### SUMMARY

- |                  |           |
|------------------|-----------|
| 1. South America | 2. reason |
| 3. goods         | 4. Rubber |
| 5. rapidly       | 6. center |
| 7. electronic    |           |

**Unit 5. The Science of Sleep****p. 14****VOCABULARY CHECK**

1. INFORMATION
2. STAGE
3. REFRESHED
4. IMMUNE SYSTEM
5. CYCLE
6. STRENGTHEN
7. GET RID OF
8. MUSCLE

Secret Phrase: YOU NEED MORE SLEEP!

**p. 15****COMPREHENSION CHECK**

1. Wake up
2. Become active, dream, and get rid of unimportant information
3. Resets and refreshes them
4. Get sick and gain weight

**SUMMARY**

- |                  |                |
|------------------|----------------|
| 1. cycle         | 2. stage       |
| 3. gets rid of   | 4. information |
| 5. refreshed     | 6. muscles     |
| 7. immune system |                |

**Unit 6. Control Your Dreams****p. 12****VOCABULARY CHECK**Across

2. signal
3. ideal
5. temperature
7. control

Down

1. delightful
2. superhero
4. sense
6. whole

**p. 13****COMPREHENSION CHECK**

1. When the user enters REM sleep
2. Body movement, temperature, and brain waves
3. It tells the person that he or she is dreaming.
4. To share delightful dreams together

**SUMMARY**

- |              |                |
|--------------|----------------|
| 1. control   | 2. whole       |
| 3. senses    | 4. temperature |
| 5. signals   | 6. play        |
| 7. superhero |                |

**Unit 7. Sleeping Habits****p. 16****VOCABULARY CHECK**Across

3. period
6. lack
7. concentrate
8. schedule

Down

1. performance
2. enable
4. exercise
5. habit

**p. 17****COMPREHENSION CHECK**

1. About eight hours
2. Tired kids may get lower grades.
3. Exercise, relax
4. They can improve their performance in school.

**SUMMARY**

- |                  |               |
|------------------|---------------|
| 1. concentrating | 2. enables    |
| 3. periods       | 4. Exercising |
| 5. schedule      | 6. improve    |
| 7. performance   |               |

**Unit 8. Sweet Dreams****p. 18****VOCABULARY CHECK**Across

4. rotten
5. avoid
6. terrible
7. experiment

Down

1. rose
2. agree
3. interview
5. affect

**p. 19**

1. If smells can affect the sorts of dreams we have
2. To ask about their dreams
3. It gave them good dreams.
4. It gave them bad dreams.

**SUMMARY**

- |           |                |
|-----------|----------------|
| 1. affect | 2. experiments |
| 3. roses  | 4. interviewed |
| 5. rotten | 6. terrible    |
| 7. avoid  |                |

**Unit 9. First in Flight: The Wright Brothers****p. 20****VOCABULARY CHECK**Across

3. receive
5. interested
6. land
7. engine

Down

1. spend
2. helicopter
3. ready
4. crash

**p. 21****COMPREHENSION CHECK**

1. A toy helicopter
2. In 1903
3. Wilbur tried first.
4. They spent two days.

**SUMMARY**

- |             |               |
|-------------|---------------|
| 1. received | 2. interested |
| 3. engine   | 4. crashed    |
| 5. spent    | 6. ready      |
| 7. landed   |               |

**Unit 10. Amelia Earhart****p. 22****VOCABULARY CHECK**Across

1. island
6. navigator
7. return
8. search

Down

2. aviation
3. female
4. pioneer
5. voyage

**p. 23****COMPREHENSION CHECK**

1. In 1928
2. She flew over the Atlantic alone.
3. Be the first female pilot to fly around the world
4. Airplane accident in the Pacific

**SUMMARY**

- |             |              |
|-------------|--------------|
| 1. pioneer  | 2. female    |
| 3. voyage   | 4. navigator |
| 5. returned | 6. island    |
| 7. searched |              |

**Unit 11. Flying Around the World****p. 24****VOCABULARY CHECK**Across

1. army
3. globe
6. mission
7. mechanical

Down

1. advance
2. aircraft
4. brief
5. original

**p. 25****COMPREHENSION CHECK**

1. The Wright brothers
2. To fly around the world
3. Two planes
4. In Seattle, Washington

**SUMMARY**

- |             |               |
|-------------|---------------|
| 1. aircraft | 2. advanced   |
| 3. Army     | 4. mission    |
| 5. original | 6. mechanical |
| 7. globe    |               |

**Unit 12. Solar Flight History****p. 26****VOCABULARY CHECK**Across

4. technical
5. solar
6. intend
8. successfully

Down

1. condition
2. determined
3. renewable
7. delay

**p. 27****COMPREHENSION CHECK**

1. The Solar Impulse 2
2. Abu Dhabi in the U.A.E.
3. For five months
4. Technical problems and poor weather conditions

**SUMMARY**

- |                 |               |
|-----------------|---------------|
| 1. Solar        | 2. intended   |
| 3. renewable    | 4. technical  |
| 5. conditions   | 6. determined |
| 7. successfully |               |

## Unit 13. Smart Sportswear

p. 28

### VOCABULARY CHECK

#### Across

1. coach
6. efficient
7. goggles
8. professional

#### Down

2. competitive
3. practice
4. athlete
5. rest

p. 29

### COMPREHENSION CHECK

1. Exercise, eat healthy food, practice a lot, and be smart / Exercising, eating healthy food, practicing a lot, and being smart
2. They can go fast for a long time.
3. Smart shirts can help them know when certain players need to rest.
4. It is in the back.

### SUMMARY

1. athletes
2. practice
3. competitive
4. goggles
5. efficient
6. coach
7. rest

## Unit 14. Water Safety

p. 30

### VOCABULARY CHECK



1. panic
2. tip
3. drown
4. sink
5. risk
6. safe
7. survive
8. calm

p. 31

### COMPREHENSION CHECK

1. They need to ask for someone's help around them.
2. They can sink in water.
3. Learning how to float on their back
4. They should stay calm.

### SUMMARY

1. risk
2. safe
3. tips
4. panic
5. drown
6. sink
7. survive

## Unit 15. Dodgeball

p. 32

### VOCABULARY CHECK

#### Across

3. field
6. court
7. eliminate

#### Down

1. simple
2. odd
4. dodge
5. even
8. aim

p. 33

### COMPREHENSION CHECK

1. Eliminating other players by hitting them with a ball
2. Players must dodge the ball to avoid being hit.
3. They can play on any sort of field or court.
4. There is an odd number of players.

### SUMMARY

- |              |           |
|--------------|-----------|
| 1. aim       | 2. simple |
| 3. eliminate | 4. dodge  |
| 5. field     | 6. even   |
| 7. odd       |           |

## Unit 16. Golden Time that Saves Lives

p.34

### VOCABULARY CHECK

K	X	B	I	T	L	P	M	R	H	A
G	Z	Y	L	Q	R	E	P	E	A	T
W	E	I	G	H	T	J	V	L	O	K
I	B	Y	U	C	Y	M	N	E	G	V
F	J	F	L	A	T	V	L	A	X	B
Q	L	C	H	E	S	T	I	S	S	L
T	O	T	H	T	B	Y	L	E	L	A
C	O	M	P	R	E	S	S	I	O	N
O	U	B	C	G	A	G	Z	W	I	K
O	C	Y	Z	N	T	M	T	V	Q	V
Z	S	I	T	U	A	T	I	O	N	J

- |                |           |
|----------------|-----------|
| 1. beat        | 2. chest  |
| 3. release     | 4. weight |
| 5. situation   | 6. flat   |
| 7. compression | 8. repeat |

p. 35

### COMPREHENSION CHECK

1. To keep air going to the brain
2. Call for an ambulance
3. About 100-120 times per minute
4. Until help arrives

### SUMMARY

- |                 |              |
|-----------------|--------------|
| 1. beat         | 2. situation |
| 3. compressions | 4. flat      |
| 5. weight       | 6. chest     |
| 7. repeat       |              |