Integrate Listening & Speaking Building 4 Answer Key

Unit 1 – The Written Word

STUDENT BOOK

LESSON A

KEY WORDS

1. public
2. report
3. mass media
4. persuade
5. inform
6. source

GENERAL LISTENING SECTION & QUESTIONS

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

BONUS WORDS

accurate – b
supply – a
escape – d.
overflow – c

DETAILED LISTENING SECTION & QUESTIONS

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

LISTENING SKILL SECTION

"s": jokes, facts
"z": kinds, reasons, things, informs
"iz": pieces, differences

LESSON B

REVIEW

"s": advertisements
"z": newspapers, cartoons
"iz": sources

SPEAKING SKILL SECTION

1. definition -> of, news -> is, reporting -> of, facts -> and -> information
2. news -> and -> it -> is, that -> a, car -> accident -> occurred -> at -> a

INTEGRATE IT

Part A

1. mass media
2. accurate
3. public
4. escaping
5. source, reports

Part B

①

GIVE A LESSON

1. mass media
2. supply
3. public
4. escaping

PRACTICE BOOK

LESSON A

VOCABULARY PRACTICE

Part A

1. b
2. a
3. d
4. c
5. e
6. f
7. i
8. g
9. h
10. j

Part B

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

DICTATION I

1. One of the most popular forms of mass media is the news.
2. The job of the news is to report facts and information to the public.
3. There's an endless supply of information coming at us these days.

LISTENING SKILL PRACTICE

1. z = kinds
2. s = jokes
3. iz = pieces
4. s = advertisements
5. iz = differences

DICTATION II

1. News is the accurate reporting of facts and information to the public.
2. Because they tell us directly about a product or service, advertisements are often easy to spot.
3. Entertainment, advertisements, op-eds, and other things sometimes aren't clearly labeled.

LESSON B

SPEAKING SKILL PRACTICE

Part A

1. talk -> about, help -> us, real -> and
2. think -> about
3. Deciding -> if, read -> is -> actually, and -> accurate
4. some -> of

Part C

1. Now that we have learned some of the differences between
2. let's talk about some ways that can help us tell the difference between real and fake news.
3. Deciding if something we see, hear, or read is actually true and accurate,
4. This is why it's very important to be able to carefully think about mass media.

Unit 2 – Smart Cities

STUDENT BOOK

LESSON A

KEY WORDS

1. cash
2. transaction
3. surround
4. transform
5. transmit
6. convenient

GENERAL LISTENING

SECTION & QUESTIONS

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

BONUS WORDS

launch – d

equipment – a

financial – c

dramatically – b

DETAILED LISTENING

SECTION & QUESTIONS

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

LISTENING SKILL SECTION

"t": launched, advanced

"d": changed, compared, used, continued, tuned

"id": surrounded

LESSON B

REVIEW

"t": advanced

"d": believed

"id": surrounded, invented

SPEAKING SKILL SECTION

1. became -> more
2. equipment -> to, connect -> to

INTEGRATE IT

Part A

1. dramatically
2. surround, transmit
3. transform
4. cash
5. financial, transactions

Part B

②

PRACTICE BOOK

LESSON A

VOCABULARY PRACTICE

Part A

a. transform

b. launch

c. cash

d. equipment

e. surround

f. dramatically

g. convenient

h. financial

i. transaction

j. transmit

Part B

1. e
2. a
3. j
4. b
5. f
6. c
7. d
8. h
9. g
10. i

DICTATION I

1. The early internet was extremely slow, so it wasn't very convenient.
2. You had to be at a computer with special equipment to connect to the internet in the early days.
3. Today, the internet is faster, more powerful, and can transmit a lot of information.

LISTENING SKILL PRACTICE

1. “d” = believed
2. “d” = changed
3. “t” = advanced
4. “id” = invented
5. “d” = continued

DICTATION II

1. In about one generation, the internet spread all over the world and transformed human society.
2. We’re surrounded by the internet, and it’s hard to imagine life without it.
3. The internet was first launched for public use in 1991.

LESSON B

SPEAKING SKILL PRACTICE

Part A

1. help -> people
2. become -> more
3. on -> now, transmit -> the, internet -> to
4. we’ll -> look

Part C

1. we looked at how the internet has become more advanced
2. Now, we'll look at some ways the internet can benefit us in the near future.
3. One of these projects that's going on now is a collection of satellites that surround the Earth and transmit the internet to every corner of the world.
4. In a smart city, self-driving electric vehicles will help people get around.

Unit 3 – Renewable Energy

STUDENT BOOK

LESSON A

KEY WORDS

1. wind turbine
2. wind farm
3. install
4. blade
5. gear
6. facility

GENERAL LISTENING SECTION & QUESTIONS

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

BONUS WORDS

engineer – d
manufacturing – c
cord – a
foundation – b

DETAILED LISTENING SECTION & QUESTIONS

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

LISTENING SKILL SECTION

Beginning: actually, engineer
Second: foundation, transported, whenever, facility, electrical
Third: electricity

LESSON B

REVIEW

Beginning: factory, underground

Second: transported

Third: electricity

SPEAKING SKILL SECTION

1. f**X**cility
2. s**X**pplies, fact**X**ry, electric**X**ty

INTEGRATE IT

Part A

1. manufacturing, facility
2. wind farm, wind turbines, installed

Part B

②

GIVE A TOUR

1. engineer
2. manufacturing
3. facility
4. wind farm

PRACTICE BOOK

LESSON A

VOCABULARY PRACTICE

Part A

Down

1. h
3. g
5. e
6. b
8. i

Across

2. d
4. c
7. f
9. a
10. j

Part B

Down

1. wind farm
3. manufacturing
5. cord
6. facility
8. engineer

Across

2. install
4. foundation
7. wind turbine
9. gear
10. blade

DICTATION I

1. I'm an engineer, and I helped to build this manufacturing facility.
2. I want to show you our wind farm, which helps supply the factory with electricity.
3. There are gears and a power generator inside the wind turbine.

LISTENING SKILL PRACTICE

Part A

Beginning: generator, factory, underground, engineer

Second: devices, whenever, foundation

Third: electricity

Part B

F	O	U	N	D	A	T	I	O	N	W
A	E	N	G	I	N	E	E	R	R	H
C	E	I	Y	I	F	I	O	E	O	A
T	A	G	E	N	E	R	A	T	O	R
O	P	E	H	E	L	A	E	D	E	E
R	R	D	E	V	I	C	E	S	C	V
Y	O	T	W	H	E	N	E	V	E	R
E	L	E	C	T	R	I	C	I	T	Y
U	N	D	E	R	G	R	O	U	N	D

DICTATION II

1. You can't see the cords, because they are underground.
2. Whenever the wind turbine is spinning, electricity is being made.
3. There is a big, strong foundation in the ground.

LESSON B

SPEAKING SKILL PRACTICE

Part A

1. factory, 2nd syllable
2. humans, 2nd syllable
3. students, 2nd syllable
4. special, 2nd syllable

Part C

1. Alright students, here we are at the Pegasus Motors manufacturing facility.
2. Also, our factory runs on clean energy.
3. Let me explain why as we walk around and tour this special facility.
4. These robots never stop working unless the humans turn them off.

Unit 4 – Siphonophores

STUDENT BOOK

LESSON A

KEY WORDS

1. jellyfish
2. organism
3. colony
4. reproduce
5. relative
6. stem

GENERAL LISTENING SECTION & QUESTIONS

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

BONUS WORDS

mysterious – c

creature – d

pressure – a

fragile – b

DETAILED LISTENING SECTION & QUESTIONS

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

LISTENING SKILL SECTION

“y”: you

“ai”: by, try

“ay”: may

“ee”: very, many, biology

“i”: mysterious

LESSON B

REVIEW

"ai”: my

"ay”: they

"ee”: colony, study

SPEAKING SKILL SECTION

1. fragile, bodies, make, very, difficult, study
2. very, big, difference, between, jellyfish, siphonophores

INTEGRATE IT

Part A

1. mysterious, creatures
2. relative, jellyfish
3. stem, colony
4. reproduce, colony
5. fragile

PRACTICE BOOK

LESSON A

VOCABULARY PRACTICE

Part A

a. 4 (colony)

b. 10 (reproduce)

c. 3 (jellyfish)

d. 9 (organism)

e. 1 (mysterious)

f. 5 (fragile)

g. 7 (pressure)

h. 8 (relative)

i. 6 (creature)

j. 2 (stem)

Part B

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

DICTATION I

1. Some sea animals are very fragile outside of water.
2. There are a lot of mysterious animals living deep in the ocean.
3. There’s a huge amount of water pressure at the bottom of the ocean.

LISTENING SKILL PRACTICE

Part A

“y”: you

“ai": by

“i": mysterious

“ee”: colony, very, study

“ay": may, they

Part B

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

DICTATION II

1. Scientists are still trying to study many animals in the ocean.
2. Most siphonophores have very powerful venom.
3. Each siphonophore lives in a colony.

LESSON B

SPEAKING SKILL PRACTICE

Part A

1. Siphonophores, live, together, help, each, other
2. I'll, explain, mysterious, creatures, called, siphonophores, use, energy, live, move, eat, grow
3. stem, siphonophore, physically, connects, all, zooids, colony
4. Siphonophores, relative, jellyfish

Part C

1. I'll explain how mysterious creatures called siphonophores use energy to live, move, eat, and grow
2. Siphonophores are a relative of the jellyfish.
3. Siphonophores live together and help each other.
4. The stem of a siphonophore physically connects all of the zooids in the colony.

Unit 5 – The Super Number

STUDENT BOOK

LESSON A

KEY WORDS

1. celebrate
2. digit
3. represent
4. circumference
5. diameter
6. navigation

GENERAL LISTENING

SECTION & QUESTIONS

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

BONUS WORDS

characteristic – b

ratio – c

practical – a

location – d

DETAILED LISTENING

SECTION & QUESTIONS

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

LISTENING SKILL SECTION

Voiced th: the, them, other, although

Unvoiced th: Earth, third, everything, fourteenth

LESSON B

REVIEW

Voiced th: these, they

Unvoiced th: month, three

SPEAKING SKILL SECTION

1. One [ ] of [ ] the [ ] main [ ] uses [ ] for [ ] pi [y] in [ ] mathematics [ ] is [ ] to [ ] measure [ ] the [ ] ratio [w] of [ ] a [ ] circle's [ ] circumference [ ] to [w] its [ ] diameter.
2. In [ ] part [ ] two [w] of [ ] today's [ ] podcast, I'll [ ] explain [ ] some [ ] more [ ] interesting [ ] facts [ ] about [ ] pi [y] and [ ] how [w] it [ ] is [ ] used.

INTEGRATE IT

Part A

1. celebrating
2. characteristics
3. digits
4. circumference, diameter
5. practical

Part B

②

DO A NEWS BROADCAST

1. celebrating
2. characteristics
3. digits
4. ratio
5. circumference
6. diameter
7. practical

PRACTICE BOOK

LESSON A

VOCABULARY PRACTICE

Part A

1. d
2. a
3. b
4. e
5. f
6. c
7. g
8. h
9. j
10. i

Part B

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

DICTATION I

1. We are celebrating a very special day.
2. One of the main uses for pi is to measure the ratio of a circle's circumference to its diameter.
3. Pi helps us use navigation applications on our smart devices.

LISTENING SKILL PRACTICE

1. unvoiced th = math
2. voiced th = this
3. unvoiced th = month
4. unvoiced th = Earth
5. unvoiced th = everything

DICTATION II

1. Today is March 14th, also known as Pi Day.
2. There are many reasons to celebrate pi.
3. Stay tuned after this short commercial break.

LESSON B

SPEAKING SKILL PRACTICE

Part A

1. we [y] are
2. go [w] on
3. three [y] one
4. pi [y] actually; go [w] on

Part C

1. On today's podcast, we are celebrating March 14th, or as we like to call it, Pi Day.
2. The digits in pi actually go on forever, but perhaps what is even more amazing is that the digits in pi never repeat themselves.
3. Another way to think about this is that the numbers in pi go on forever because there's no pattern in them.
4. That gives us three one four, which are the first three digits of pi.

Unit 6 – The Eighth Wonder

STUDENT BOOK

LESSON A

KEY WORDS

1. interest
2. percent
3. fraction
4. divide
5. numerator
6. denominator

GENERAL LISTENING

SECTION & QUESTIONS

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

BONUS WORDS

account – a
express – c
reduce – b
compound – d

DETAILED LISTENING

SECTION & QUESTIONS

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

LISTENING SKILL SECTION

Beginning: anything, possible, customers, multiply, numerator
Second: remember, dividing, denominator

LESSON B

REVIEW

Beginning: calculated
Second: divided, remembered, amazing

SPEAKING SKILL SECTION

1. d = called
2. t = expressed
3. id = calculated
4. d = earned

INTEGRATE IT

Part A

1. interest
2. fractions
3. percent
4. compound
5. reduced

Part B

①

PRACTICE BOOK

LESSON A

VOCABULARY PRACTICE

Part A

a. percent
b. denominator
c. interest
d. express
e. reduce
f. fraction
g. numerator
h. compound
i. account
j. divide

Part B

1. f
2. g
3. b
4. j
5. a
6. c
7. i
8. d
9. e
10. h

DICTATION I

1. I'd like to open a bank account.
2. You can save money with 5% interest each year.
3. The denominator is the bottom number in a fraction.

LISTENING SKILL PRACTICE

Part A

Beginning: anything, possible, multiply, numerator

Second: amazing, dividing, divided, remembered

Part B

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

DICTATION II

1. The numerator is the top number in a fraction.
2. It's possible to save more money with compound interest.
3. We can multiply fractions to calculate how much money we can save.

LESSON B

SPEAKING SKILL PRACTICE

Part A

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

Part C

1. In today's video, we'll learn about something called compound interest.
2. In a previous video, I explained how simple interest works.
3. What makes compound interest different from simple interest is that it gets calculated each year and the amount you earn in interest grows after each year.
4. It's one-hundred over twenty, which, when reduced, is $5.

Unit 7 – Art Styles

STUDENT BOOK

LESSON A

KEY WORDS

1. creative
2. statue
3. sculpture
4. exhibition
5. reality
6. imagination

GENERAL LISTENING SECTION & QUESTIONS

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

BONUS WORDS

painting – b
influential – c
boring – a
scene – d

DETAILED LISTENING SECTION & QUESTIONS

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

LISTENING SKILL SECTION

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

LESSON B

REVIEW

1. hang out
2. Check out
3. turned into
4. hand in

SPEAKING SKILL SECTION

1. ticket -> to
2. nice -> surprise -> so

INTEGRATE IT

Part A

1. statues
2. exhibition
3. sculptures, paintings
4. reality
5. imagination, creative

Part B

①

HAVE A CONVERSATION

1. statue
2. creative
3. imagination
4. paintings
5. exhibition
6. boring

PRACTICE BOOK

LESSON A

VOCABULARY PRACTICE

Part A

Across

1. a
3. d
6. h
8. b
9. i
10. j

Down

2. c
4. e
5. g
7. f

Part B

Across

1. boring
3. statue
6. painting
8. exhibition
9. influential
10. scene

Down

2. reality
4. sculpture
5. imagination
7. creative

DICTATION I

1. You can make a sculpture out of almost anything.
2. These look like paintings, but they are made of LEGO® bricks.
3. I thought that this art exhibition might be boring.

LISTENING SKILL PRACTICE

Part A

~~check out~~ ~~turn into~~ ~~throw away~~ ~~hand in~~ ~~hang out~~

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

Part B

1. check out
2. throw away
3. hand in
4. turn into
5. hang out

DICTATION II

1. Let's go check out some of the other exhibits.
2. I thought it would be more fun if I had someone to hang out with.
3. I have to hand in my essay about the art exhibition next week.

LESSON B

SPEAKING SKILL PRACTICE

Part A

1. art -> teacher
2. nice -> surprise -> so
3. us -> some, ticket -> to
4. want -> to

Part C

1. Why did you want to come here in the first place then?
2. I just came because of what the art teacher said.
3. She said she would give us some bonus points if we came here, wrote an essay about what art we saw, and handed in the entrance ticket to her.
4. Well, it's been a nice surprise so far.

Unit 8 – VR Art

STUDENT BOOK

LESSON A

KEY WORDS

1. academy
2. technique
3. engaged
4. motivated
5. program
6. revolutionize

GENERAL LISTENING SECTION & QUESTIONS

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

BONUS WORDS

entire – a
audio – b
dusk – d
background – c

DETAILED LISTENING SECTION & QUESTIONS

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

LISTENING SKILL SECTION

1. 2nd syllable
2. 2nd syllable
3. 2nd syllable
4. 2nd syllable
5. 2nd syllable
6. 2nd syllable
7. 3rd syllable
8. 1st syllable, 4th syllable

LESSON B

REVIEW

1. 2nd syllable
2. 1st syllable
3. 2nd syllable
4. 2nd syllable

SPEAKING SKILL SECTION

1. VR, also, improving, art, taught, schools, art, academies
2. Students, who, may, not, be, interested, art, can, use, special, VR programs, experience, art, new, interesting, way

INTEGRATE IT

Part A

1. revolutionizing
2. audio
3. programs, academies
4. techniques
5. entire, engaged, motivated

Part B

②

PRACTICE BOOK

LESSON A

VOCABULARY PRACTICE

Part A

a. 1 (academy)
b. 5 (program)
c. 3 (motivated)
d. 8 (audio)
e. 2 (engaged)
f. 9 (dusk)
g. 4 (revolutionize)
h. 7 (entire)
i. 10 (background)
j. 6 (technique)

Part B

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

DICTATION I

1. VR is revolutionizing the way we experience art.
2. VR is improving how art is taught in schools and art academies.
3.VR allows students to be more engaged and motivated.

LISTENING SKILL PRACTICE

1. 2nd syllable
2. 2nd syllable
3. 2nd syllable
4. 1st syllable
5. 2nd syllable
6. 2nd syllable
7. 2nd syllable
8. 2nd syllable

DICTATION II

1. Through the use of VR, pieces of art can do things that they never could have done before.
2. VR can allow you to listen to and see information about the artist, their style of art, and other background information.
3. VR technology helps us understand some forms of art better.

LESSON B

SPEAKING SKILL PRACTICE

Part A

1. This, possible, through, use, VR, programs
2. Another, advantage, schools, save, money
3. Can, you, imagine, painting, picture, without, paint
4. They, also, see, learn, more, realistic, examples, artworks

Part C

1. Can you imagine painting a picture without paint?
2. This is possible through the use of some VR programs.
3. They can also see and learn from more realistic examples of artworks.
4. Another advantage is that schools can save money.