**ANSWER KEY**

**Unit 1**

Work Check Up

A. 1-add / 2-subtract / 3-clerk / 4-divide / 5-amusement park / 6-ticket

B. 1-shopping mall / 2-pieces / 3-equally / 4-math

Comprehension

A. b

B. 1 – c / 2 – c / 3 – b, c

C. F / T / F

D.

1. I have to add or subtract numbers

2. Both of us have to divide numbers to eat equally.

3. I can use math to count down!

Smart Brainstorming

add or subtract numbers / divide numbers / the cost of tickets, the waiting time / to count down

Dictation

everyday / much / add / subtract / shopping mall / clerk / divide / amusement park / tickets / end

**Unit 2**

A. 1-pool / 2-bend / 3-spin / 4-shoulder / 5-stretch / 6-snack

B. 1-swimming cap / 2-exercise / 3-slippery / 4-trash can

Comprehension

A. a

B. 1 – b / 2 – c / 3 – c

C. F / F / T

D.

1. Today we have a swimming class.

2. He says to her to wear her swimming cap in the pool.

3. He says that we need a warm-up before swimming.

Smart Brainstorming

a swimming cap / a warm-up / bend our knees, spin our shoulders, and stretch our bodies / some snacks

Dictation

swimming cap / pool / exercise / bend / spin / shoulders / stretch / floor / hurt / snacks

**Review Check Up Unit 1**

Word Practice

B. 1-a / 2-b / 3-b

Sentence Practice

A.

1. I can use math in everyday life.

2. I and the clerk have to add or subtract numbers.

3. I need math to think the cost of tickets, the waiting time, and so on.

B. how much / shopping mall / add / divide / equally / cost / waiting / counts

**Review Check Up Unit 2**

Word Practice

B. 1-b / 2-a / 3-c

Sentence Practice

A.

1. He says to Harry not to run in the pool.

2. We bend our knees, spin our shoulders, and stretch our bodies.

3. He says not to eat snacks here and to put the trash in the trash can.

B.

swimming cap / pool / exercise / warm-up / spin / runs / slippery / clean up

**Unit 3**

A. 1-glue / 2-paste / 3-sticky / 4-paints / 5-sharp / 6-scissors

B. 1-draw / 2-paintbrushes / 3-pens / 4-erasers

Comprehension

A. c

B. 1 – c / 2 – b / 3 – c

C. T / F / T

D.

1. The books have lots of pages.

2. There are various pictures and words on each page.

3. I use colored pencils and crayons to draw something.

Smart Brainstorming

glue or a tape to paste / make my pencils sharp / when I use scissors / The blades of scissors

Dictation

crayons / glue / paste / sticky / paints / sharp / erasers / scissors / blades / backpack

**Unit 4**

A. 1-papyrus / 2-bamboo / 3-expensive / 4-bark / 5-rag / 6-flat

B. 1-paper / 2-Silk / 3-dry / 4-skills

Comprehension

A. b

B. 1 – c / 2 – c / 3 – a

C. F / T / T

D.

1. Egyptians got papyrus from papyrus plants.

2. Bamboo was heavy and difficult to carry.

3. Silk was too expensive.

Smart Brainstorming

papyrus / on bamboo / tree bark, rags, and water / flat, pressed out the water, and let them dry

Dictation

papyrus / bamboo / carry / Silk / expensive / tree bark / rags / flat / pressed out / skills

**Review Check Up Unit 3**

Word Practice

B. 1-c / 2-b / 3-a

Sentence Practice

A.

1. Because they are sticky.

2. They have long handles.

3. I write down something with pens and pencils.

B. colored pencils / sticky / paintbrushes / pencils / sharp / erasers / scissors / blades

**Review Check Up Unit 4**

Word Practice

B. 1-a / 2-b / 3-c

Sentence Practice

A.

1. The Chinese Ts’ai Lun was the first person to make paper in AD 105.

2. Because Chinese didn’t want to share their secrets.

3. The skills were first moved to Korea in AD 600.

B. bamboo / heavy / expensive / tree bark / flat / how / secrets / skills

**Unit 5**

A. 1-pancake / 2-spoon / 3-salt / 4-oil / 5-fork / 6-batter

B. 1-cooking / 2-stir / 3-spread / 4-add

Comprehension

A. c

B. 1 – c / 2 – b / 3 – c

C. T / T / F

D.

1. I pour flour, an egg, milk, and salt into the bowl.

2. I stop mixing when I see some bubbles.

3. I pour the batter on the pan.

Smart Brainstorming

pancakes in my cooking class / a big bowl, a spoon, flour, an egg, milk, and salt / a pan, oil, a plate, honey, and a fork / some honey

Dictation

Pancakes / spoon / salt / oil / fork / pour / batter / spread / plate / add

**Unit 6**

A. 1-soil / 2-miss / 3-food chain / 4-grasshopper / 5-living thing / 6-hawk

B. 1-food chain / 2-living things / 3-missing / 4-hawks

Comprehension

A. b

B. 1 – b / 2 – a / 3 – c

C. T / T / F

D.

1. A food chain shows how each living thing gets its food.

2. The whole food chain will be in danger.

3. People eat both plants and animals.

Smart Brainstorming

plants / grasshoppers / frogs / snakes

Dictation

living things / food chain / own / soil / grasshoppers / Bigger / hawks / plants / missing / in danger

**Review Check Up Unit 5**

Word Practice

B. 1-c / 2-a / 3-b

Sentence Practice

A.

1. I pour flour, an egg, milk, and salt into the bowl.

2. I mix them to make pancake batter.

3. I put a pan on the fire and spread a little oil on it.

B. pancakes / spoon / salt / pour / stir / bubbles / batter / plate

**Review Check Up Unit 6**

Word Practice

B. 1-a / 2-b / 3-a

Sentence Practice

A.

1. They eat food from sun, soil and other things.

2. Insects like grasshoppers eat plants.

3. Birds like hawks eat snakes.

B. plants / sun / grasshoppers / frogs / snakes / hawks / People / animals

**Unit 7**

A. 1-strongly / 2-vacuum / 3-shake / 4-hide / 5-earthquake / 6-suddenly

B. 1-earthquake / 2-falls down / 3-shaking / 4-hide

Comprehension

A. c

B. 1 – a / 2 – c / 3 – b

C. F / T / T

D.

1. Today is very quiet and sunny day.

2. I’m very surprised and run to my mom.

3. We hide under the table.

Smart Brainstorming

homework at home / table is shaking strongly / vacuuming in the living room / shaking again

Dictation

quiet / Suddenly / outside / shaking/ strongly / vacuuming / anything / falls down / earthquake / hide

**Unit 8**

A. 1-block / 2-vinegar / 3-explode / 4-follow / 5-lava / 6-entry

B. 1-follow / 2-entry / 3-vinegar / 4-explodes

Comprehension

A. a

B. 1 – b / 2 – c / 3 – b

C. F / T / F

D.

1. I should not block the entry of bottle.

2. I need to pour baking soda and red painting into the bottle.

3. The liquid flowing out of the bottle is called lava.

Smart Brainstorming

empty bottle, clay, vinegar / clay to cover / pour baking soda into the bottle / volcano explodes when you pour vinegar

Dictation

volcano explodes / experiment / follow / vinegar / block / entry / pour / flowing / lava

**Review Check Up Unit 7**

Word Practice

B. 1-b / 2-b / 3-c

Sentence Practice

A.

1. I heard very loud noise from outside.

2. The table is shaking strongly.

3. Because she was vacuuming.

B. sunny / loud / outside / strongly / surprised / living / because / picture

**Review Check Up Unit 8**

Word Practice

B. 1-a / 2-b / 3-c

Sentence Practice

A.

1. I cover the empty bottle with clay.

2. I need to pour baking soda and red painting into the bottle.

3. I will see the volcano exploding.

B. empty / clay / mountain / baking soda / bottle / vinegar / exploding / liquid

**WORKBOOK**

Unit 1

A.

1. You wonder how much time you need to do something.

→ You have to add or subtract numbers.

2. You are at a shopping mall and paying for things.

→ You and the clerk have to add or subtract numbers.

3. Your brother and you have a pizza with eight pieces.

→ Both of you have to divide numbers to eat equally.

4. You are at an amusement park.

→ You need math to think the cost of tickets, the waiting time, and so on.

5. You wonder when your boring math class ends.

→ You use math to count down!

Summary Make Up

everyday / add / paying / subtract / divide / cost / time / count

Unit 2

A.

1-“Wear your swimming cap in the pool.”

2-“We need a warm-up before we swim.”

3-“Don’t run. The floor is slippery so you may get hurt.”

4-“Don’t eat here and put the trash in the trash can.”

B. 1-have / 2-bend, spin, stretch / 3-learn

Summary Make Up

pool / warm-up / bend / spin / stretch / slippery / snacks / trash can

Unit 3

A. 1-⑥, ⑦ / 2 - ⑤, ⑧ / 3-②, ③ / 4-④ / 5-① / 6-⑤, ⑧

B. 1-sharp / 2-cut / 3-handles / 4-backpack

Summary Make Up

colored pencils / paste / sticky / paints / sharp / erasers / scissors / blades

Unit 4

A. 1-paper / 2-③ / 3-③

4- He made them flat, pressed out the water, and let them dry.

5- He used tree bark, rags, and water.

6- Because Chinese didn’t want to share their secrets.

Summary Make Up

papyrus / bamboo / expensive / bark / rags / flat / secrets / skills

Unit 5

A. 1-egg / 2-plate / 3-fork / 4-bowl / 5-spoon / 6-pan

B. **⑤ → ① → ⑥ → ③ → ② →④**

Summary Make Up

pancakes / spoon / oil / salt / batter / spread / pan / add

Unit 6

A.

1. Plants eat food from sun, soil, and other things.

2. Insects like grasshoppers eat plants.

3. Small animals like frogs eat grasshoppers.

4. Bigger animals like snakes eat frogs.

5. Birds like hawks eat snakes.

6. People eat both plants and animals.

Summary Make Up

living things / food chain / food / grasshoppers / snakes / hawks / animals / top

Unit 7

A. 1-sunny / 2-hide / 3-picture / 4-vacuum / 5-earthquake / 6-shake

B. **② →⑤ → ① → ⑥ → ③ → ④**

Summary Make Up

sunny / hear / shaking / vacuuming / wrong / after / picture / earthquake

Unit 8

A.

Empty bottle / red painting / mountain / entry / vinegar / exploding

2-1-3

B. 1-experiment / 2-flowing / 3-explodes

Summary Make Up

simple / volcano / empty / baking soda / block / vinegar / exploding / lava