

Class: _____ Name: _____

Unit 1 The Mighty Travelers

A. Fill in the blanks with the correct words.

journey survive mighty drift

Synonym	Antonym
1) float = _____	3) weak <-> _____
2) trip, tour = _____	4) die <-> _____

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

Dandelion seeds travel by wind. Try blowing on a dandelion puff ball! The seeds will catch a gust of wind and fly far away. These seeds are light and look like feathers. They can fly away easily. Maple tree seeds also travel by wind. They have wings on them. Wind will carry maple tree seeds by their wings to new places.

- 1) to push air out of your mouth _____
- 2) to get or take _____
- 3) not heavy; not weighing a lot _____
- 4) to hold something and move it to somewhere else _____

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Unit 2 Banks for Seeds

A. Fill in the blanks with the correct words.

increase valuable protect certain

Synonym	Antonym
1) important = _____	3) destroy <-> _____
2) particular = _____	4) decrease <-> _____

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

The temperature on Earth is increasing. Seeds are having trouble growing because of the higher temperatures. Crops are dying and the seeds are wasted. Wildfires, typhoons, and earthquakes are also dangerous for seeds. These natural disasters can destroy large amounts of crops. Farmers need seed banks to protect their crops from these dangers.

- 1) a plant grown on a farm _____
- 2) not used well; thrown away _____
- 3) big in amount or size _____
- 4) an emergency _____

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Unit 3 Helpful Clothes

A. Fill in the blanks with the correct words.

decrease tear suit lightweight block

Synonym	Antonym
1) uniform = _____	4) heavy <-> _____
2) stop = _____	5) join <-> _____
3) cut down = _____	

B. Read the definitions and write the correct words from the paragraph. (Use the base form.)

Athletes also wear special uniforms that help them do their jobs better. When they play sports, they move a lot. So their uniforms need to be strong and comfortable. Many athletic uniforms are made of polyester. This fabric is strong and does not tear easily. It is lightweight and pulls sweat away from the skin. Athletic uniforms help athletes play better and not worry about overheating.

- 1) to make it easier for someone to do something _____
- 2) feeling good and pleasant _____
- 3) to remove; to take something away _____
- 4) to feel nervous because something bad might happen _____

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Unit 4 Eco-Friendly Fashion Sense

A. Fill in the blanks with the correct words.

process renewable industry label

Synonym	Antonym
1) prepare = _____	4) limited <-> _____
2) business = _____	
3) tag = _____	

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

The clothes we wear can affect the environment. The fashion industry produces 10% of the world's carbon emissions. It is also the second-largest user of the world's water. However, being fashionable does not mean hurting the earth. There are several kinds of fabrics that are good for the environment!

- 1) to make something; to create _____
- 2) someone who uses a product or service _____
- 3) having a popular style _____
- 4) more than a few; many _____

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Unit 5 Special Effects Makeup Artists

A. Fill in the blanks with the correct words.

apply wound liquid realistic create

Synonym	Antonym
1) put on = _____	4) unrealistic <-> _____
2) injury = _____	5) solid <-> _____
3) make, invent = _____	

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

Sometimes, actors need to look like they have wounds such as cuts, bites, and bruises. Special effects makeup artists use latex or silicone to create fake skin. They use thick, red liquid to create blood. For bruises, they use black and blue makeup on the skin. When these materials are applied to the actors' bodies or faces, they look like they have real injuries.

- 1) a wound made on the skin by a sharp object _____
- 2) not real but made to look real _____
- 3) heavy and chunky _____
- 4) a substance needed to make something _____

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Unit 6 Movie Sounds from a Kitchen

A. Fill in the blanks with the correct words.

break twist item victim

Synonym	Antonym
1) crack = _____	3) attacker <-> _____
2) thing = _____	4) straighten <-> _____

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

Not all sounds in horror movies have to be horrible. Put some potato chips in a bowl and crunch them with your hands. This will create the sound of footsteps in a forest. Crunch them a little faster. Now, the person is running. Pour some milk into a glass and blow bubbles into it with a straw. Doesn't it sound like you are underwater?

- 1) terrible; very unpleasant _____
- 2) to crush _____
- 3) a large area covered with trees and plants _____
- 4) under the surface of water _____

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Unit 7 Science behind a Slide

A. Fill in the blanks with the correct words.

cause slide invisible force extra

Synonym	Antonym
1) power = _____	4) climb <-> _____
2) produce = _____	5) visible <-> _____
3) added = _____	

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

Now you are sliding down. Do you feel you are slowing down a bit? When two things rub against each other, they cause friction. It is a force that works against the motion. Without friction, you will slide down faster and faster to the bottom of the slide. That might be more fun, but it is dangerous.

- 1) a little _____
- 2) to press and move back and forth repeatedly _____
- 3) to do a job; to function properly _____
- 4) the lowest part of something _____

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Unit 8 Engineering with Origami

A. Fill in the blanks with the correct words.

adult flexible fold room practical

Synonym	Antonym
1) bendable = _____	4) open <-> _____
2) space = _____	5) child <-> _____
3) useful = _____	

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

The Oru Kayak is a small boat for one person. It is about 3.5 meters long. But it folds up to the size of a suitcase. Anton Willis is the inventor of the Oru Kayak. He came up with the idea while living in San Francisco. He enjoyed kayaking on the ocean. But he had no room in his small apartment for a regular kayak. He needed a kayak that could fold up.

- 1) a large rectangular container used for carrying clothes _____
- 2) someone who creates new things _____
- 3) to think of an idea or plan _____
- 4) normal; typical _____

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Unit 9 Underwater Hockey

A. Fill in the blanks with the correct words.

in shape intensive require equipment take place

Synonym	Antonym
1) need = _____	4) easy <-> _____
2) gear = _____	5) unhealthy <-> _____
3) happen = _____	

B. Read the definitions and write the correct words from the paragraph. (Use the base form.)

In the 1950s, the British Navy wanted to improve the underwater abilities of its divers. It also wanted to keep them in shape. Some people in the navy decided to make the training fun. So they invented a new game: underwater hockey.

- 1) to make or become better _____
- 2) a skill or power to do something _____
- 3) someone who swims underwater _____
- 4) the process of learning certain skills for a job or activity _____

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Unit 10 Aquatic Therapy

A. Fill in the blanks with the correct words.

patient reduce benefit overweight receive

Synonym	Antonym
1) advantage = _____	3) thin, skinny <-> _____
2) get = _____	4) doctor <-> _____
	5) increase <-> _____

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

Most aquatic therapy takes place in swimming pools. Patients swim, walk, lift weights, or do other activities. Aquatic therapy provides several benefits. The warm water relaxes muscles and increases the circulation of blood in the body. The water provides resistance to improve patients' strength. It helps patients with mobility problems feel lighter and move better. Finally, the water helps patients feel less pain.

- 1) to move something to a higher position _____
- 2) to supply; to give something wanted or needed _____
- 3) to become calmer and less stiff _____
- 4) power and energy _____

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Unit 11 A Body's Thirst

A. Fill in the blanks with the correct words.

sign throughout dizzy concentrate generally

Synonym	Antonym
1) during = _____	4) rarely <-> _____
2) hint = _____	5) ignore <-> _____
3) confused = _____	

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

So how much water should you drink each day? Doctors say it depends on your weight, your activity level, and the weather. They generally recommend around eight glasses of water a day. That seems like a lot of drinking to remember. But don't worry! Your body sends out warning signals when it needs more water.

- 1) to be decided by _____
- 2) to give positive opinions about something _____
- 3) to keep in mind _____
- 4) a message; something that gives information _____

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Unit 12 Unhealthy Eating Habits

A. Fill in the blanks with the correct words.

struggle limit common strict damage

Synonym	Antonym
1) tough = _____	3) allow <-> _____
2) fight = _____	4) improvement <-> _____
	5) rare <-> _____

B. Read the definitions and write the correct words from the paragraph. (Use the base form.)

Eating disorders are very dangerous. They not only cause physical problems but also emotional ones. If you or your friend is struggling with an eating disorder, please tell a trusted adult. Anorexia and bulimia can be treated by a doctor.

- 1) a sickness; an illness of the body or mind _____
- 2) relating to feelings _____
- 3) reliable; can be depended on _____
- 4) to make well; to heal an illness or injury _____

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Unit 13 Zero

A. Fill in the blanks with the correct words.

cross out accept position express

Synonym	Antonym
1) location = _____	4) hide <-> _____
2) approve = _____	
3) erase = _____	

B. Read the definitions and write the correct words from the paragraph. (Use the base form.)

Ancient civilizations did not have the number zero. But they had a placeholder in their numeral system. The Babylonians and Mayans used a special symbol to indicate a placeholder. And the Chinese used an empty space between their numbers.

- 1) very old; from a long time ago _____
- 2) a symbol that represents a number _____
- 3) to show or point out _____
- 4) an area or place _____

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Unit 14 Unlucky Numbers

A. Fill in the blanks with the correct words.

unlucky consider bring secret

Synonym	Antonym
1) carry = _____	2) known <-> _____
	3) lucky <-> _____
	4) ignore <-> _____

B. Read the definitions and write the correct words from the paragraph.

(Use the base form.)

However, many people from Western countries believe the number 13 is an unlucky number. This superstition originated from the story of the Last Supper. 13 people, Jesus and his 12 followers, had a secret dinner. Afterwards, Jesus was betrayed and killed. This is why the number 13 is connected to bad luck.

- 1) from the west part of the world _____
- 2) to begin; to start something _____
- 3) someone who believes in a person or idea _____
- 4) after; later _____

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Unit 15 Melting Glaciers

A. Fill in the blanks with the correct words.

rely on habitat provide melt

Synonym	Antonym
1) home = _____	4) freeze <-> _____
2) supply = _____	
3) depend on = _____	

B. Read the definitions and write the correct words from the paragraph. (Use the base form.)

Another concern is rising sea levels. As the glaciers in Antarctica and Greenland melt, the habitats of thousands of animals disappear. This is especially true for polar bears. They rely on the ice sheets for traveling and hunting.

- 1) a worried feeling about something _____
- 2) a large sheet or mass of ice _____
- 3) to go away; to go missing _____
- 4) particularly; even more so _____

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Unit 16 A World without Forests

A. Fill in the blanks with the correct words.

convert slow down release rise generate

Synonym	Antonym
1) switch = _____	3) hold <-> _____
2) produce = _____	4) speed up <-> _____
	5) drop <-> _____

B. Read the definitions and write the correct words from the paragraph. (Use the base form.)

Secondly, our oceans need the Amazon. Trees release moisture into the air when they absorb carbon dioxide. The moisture becomes clouds which generate rain. As rain enters the ocean, it prevents the ocean from becoming too salty. It helps maintain healthy fish habitats.

- 1) to soak up; to take in _____
- 2) a mass of water in the air _____
- 3) to go into a place _____
- 4) to keep something in good condition _____