

Grade 3
Day 3



Day 2



LET'S READ!



Polar Bear Adaptations

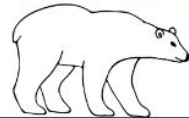
Read the text about polar bears. Then answer the questions on the next slide.

Polar bears are amazing mammals who live in the icy Arctic regions. They are large, furry bears that are experts at living in cold habitats. Polar bears mainly eat seals, and use their sharp teeth and strong claws to catch their prey. Polar bears have unique adaptations that help them survive in one of the coldest, harshest environments in the world.



Polar bears have large paws with webbing between their toes that act like snowshoes. Their paws allow them to walk on snow and hunt prey. Polar bears use their white fur as camouflage to blend into their environment and sneak up on their prey. Their thick fur is double-layered and acts like a natural insulator that keeps them warm. It also helps them stay dry when they swim in icy waters.

When temperatures drop, polar bears rely on a thick layer of fat called blubber to keep them warm, conserve energy, and help them float. Their excellent swimming abilities allow them to go long distances to find food or new areas.



Polar bears are winter experts, using their swimming abilities, thick fur, special paws, and blubber to thrive in freezing weather.

Polar Bear Adaptations

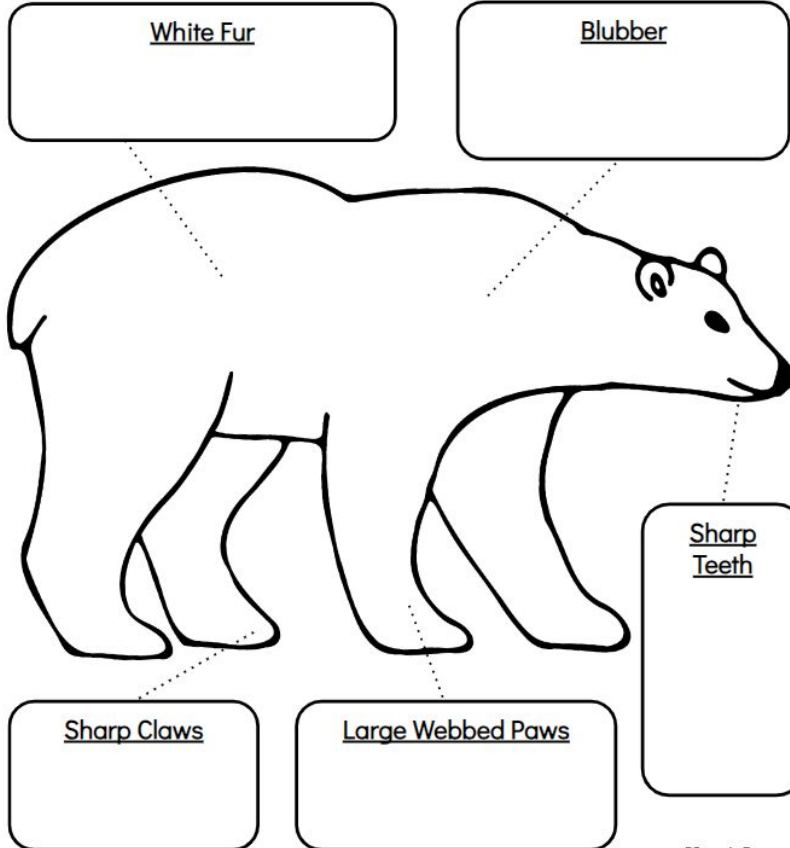
Directions: Read each question. Answer the questions using information from the text.

1. A polar bear is a a. fish b. mammal c. bird d. insect	6. A polar bear has a layer of fat under their skin called _____. a. hair b. blubber c. flippers d. feathers
2. Why does a polar bear have sharp teeth and strong claws? a. to help catch their prey b. to keep them warm c. to help them swim d. to help them dig	7. Polar bears have a double-layered, thick fur that acts like a natural _____. a. insulator b. heater c. cooler d. dryer
3. What is the main idea of the passage? a. Polar bears are mammals. b. Polar bears can swim. c. Polar bears easily adapt to cold. d. Polar bears are large animals.	8. Is this a fact or an opinion? Polar bears use swimming abilities, thick fur, special paws, and blubber to survive. a. fact b. opinion
4. How does a polar bear's good swimming abilities help it survive? a. They can go long distances to find food or new areas. b. They can swim everyday. c. They migrate in the winter.	9. Why did the author write this passage? a. to entertain b. to persuade c. to describe something d. to inform
5. Why is the polar bear able to walk on snow without sinking? a. It is too heavy to sink through. b. Its fur doesn't melt the snow. c. It's paws act like snowshoes. d. It is so fast that it won't sink.	10. Name two adaptations that help polar bears survive in the cold. a. _____ b. _____

Please write your answers on a piece of paper.

Polar Bear Adaptations

Directions: Use the information from the text to explain how each feature of a polar bear helps it survive.



Please write your answers on a piece of paper.

Let's Practice our Editing Skills! Read the sentences below. Rewrite them, making corrections in capitalization and punctuation. Use your very best handwriting!

1. dan lives in south carolina

2. kelly likes dogs cats and birds

3. did you do your homework

4. dont touch that

5. we went to disneyland in june

6. gabbi likes lemonade cookies and chips





TIME FOR MATH!



Math About Me!

Directions: Write a math equation for each category that tells about you.

Age $4+5=9$	Grade	Number of Letters in my Name
Number of Siblings <input type="text"/>	Number of Pets	Birthday-Month & Day
Number of teeth I've lost	Favorite Number	Number of people in my family

Math Time!

Grade 3 Daily Math Problems

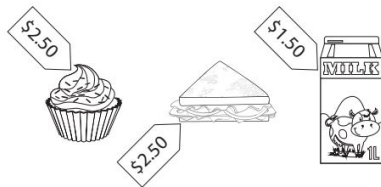
- ① Kate needs to take 24 cupcakes to school for her birthday. She is using cupcake boxes that can hold 6 cupcakes in each box. How many boxes will Kate need for her 24 cupcakes?
- ② Some boys were sharing toy cars. They had 18 to share. Each boy got 3 toy cars. How many boys were sharing the toy cars?
- ③ It took Will 25 minutes to complete the cross country run. What time did he finish, if he begun at 8:45 am?
- ④ At the show, Jane's 16 year old brother had to pay full price, but Jane only paid half price. How much did Jane's brother pay, if Jane paid \$4.50?

Math Time!

Grade 3 Daily Math Problems

- 5 Julie is 8 lbs lighter than her brother Daniel. How much does Julie weigh, if Daniel weighs 141 lbs?

- 6 Jonathan bought these things for lunch...



How much money does he need?

- 7 Mrs. Jones bought sunflower seeds from the garden shop. She plants her seeds into 4 rows of 6. How many sunflower seeds did Mrs. Jones use?

- 8 Suzie loves to swim everyday! Suzie swims 5 laps of the 50 metre pool. How far does Suzie swim each day?

Math Time!



TIME FOR SOCIAL STUDIES!



Social Studies - The Continent of Asia

This year you will learn about the 7 continents and the major countries in each continent. Today you will learn about the continent of Europe.

As you read, write down **THREE FACTS** from **EACH PAGE** on your own paper.

Answer the questions on the last page of this section on your own paper to turn in.

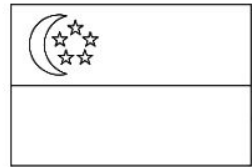
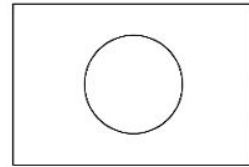
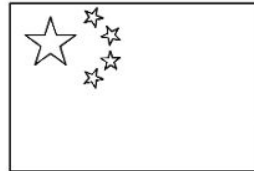
The Basics



Asia is one of the seven continents! It is in the northern and eastern hemispheres of Earth. Asia is the world's largest continent. It is also the most populated continent on Earth. There are 49 countries in Asia.

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Countries in Asia

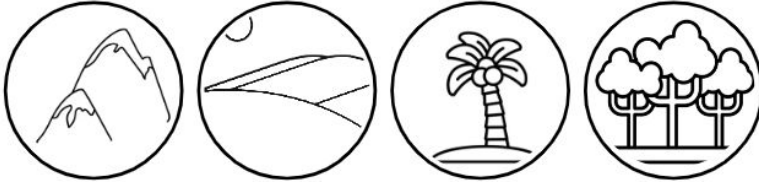


There are 49 countries in Asia. Russia and Turkey share part of their land with Europe. Russia is the largest country by area. China has the largest population. The Maldives is the smallest country. It is made up of 1,190 islands in the Indian Ocean. Tokyo, Japan, is the most populated city. About 38 million people live there.

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Landforms in Asia

Asia has many different landforms. One of the most famous is Mount Everest in Nepal. Mount Everest is the tallest mountain in the world. It is 29,035 feet tall. Asia also has deserts. The Gobi Desert is the fifth largest in the world. It is a cold desert. Asia also has many tropical rainforests and lots of islands.



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Waterways in Asia



Asia has many waterways. The longest river in Asia is the Yangtze River. It is 3,915 miles long. It is the third longest river in the world. Asia's biggest lake is the Caspian Sea. It touches five countries. It is one of the deepest lakes in the world.

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People in Asia

More than 4.7 billion people live in Asia. There are many different cultures in Asia. More than 2,300 languages are spoken. Chinese and Hindi-Urdu are the most common. Some Asian countries have lower living standards than other countries. Many people earn a very low wage for their work, which can make life very challenging.



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Show What You Know!

Write TRUE or FALSE in the blank.

1. _____ There are 54 countries in Asia.
2. _____ Asia is the largest continent.
3. _____ Asia has deserts, rainforests, and islands.
4. _____ Mount Everest is the tallest mountain in the world.
5. _____ Asia has the most people of all the continents.
6. _____ Tokyo, Japan, is the smallest city in Asia.

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A photograph of an astronaut in a white space suit floating in space. The astronaut is wearing a white helmet with a clear visor and has an American flag patch on the right shoulder. The background is a deep blue space with some faint light streaks. The image is overlaid with a semi-transparent purple and blue gradient.

TIME FOR SCIENCE!

Weather Tools



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Read the next slides and answer the questions.

Weather is defined as the daily changes that happen around us in the atmosphere. Weather is made up of temperature, wind speed, precipitation, air pressure, wind direction, and humidity.

Some **factors of weather** are easy for us to see. For example, we can see if it is sunny or raining. There are some factors of weather that we cannot measure by just looking outside. We need special tools to measure these factors.



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A **weather vane**, also known as a *wind vane*, is a tool used to show the direction of the wind. It has an arrow that freely rotates on the top of a rod. The arrow shows which way the wind is blowing from; North, South, East, or West.



Dychek Marina/Shutterstock.com

Weather Vanes are important because knowing the direction of the wind can help people protect themselves in extreme weather.

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A weather vane is made up of a tail and arrow. The tail catches the wind, and the arrow points towards the direction the wind is blowing from. For example, if the weather vane points towards the north, it means there is a north wind. The wind is blowing from north to south.

For each image below, circle the direction the wind is blowing from.



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East West



Viktorja Reusa/Shutterstock.com

East West

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A **barometer** is a tool that is used to measure atmospheric pressure.

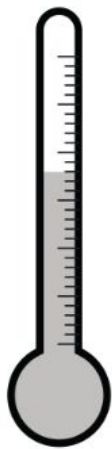
Barometers are very important when forecasting weather. A barometer can measure the pressure of the atmosphere and tell us if the pressure is getting higher or lower.



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This data provides useful information when predicting storms. High pressure systems bring clear weather, and low pressure brings clouds and rain.

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Thermometers are weather instruments that show the temperature. The glass tube of a thermometer is filled with either alcohol or liquid mercury that expands and contracts when the temperature changes. We read the lines on the side of the thermometer to know how hot or cold something is. Nowadays, many scientists and meteorologists use digital thermometers.

TeachStarte



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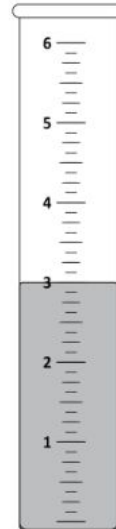
A **weather satellite** is a tool scientists use to predict the weather. Satellites are in space and orbit the Earth. Sensors on the satellites scan the Earth and give important readings and information.

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A **rain gauge** is a standard cylinder that measures the amount of rainfall in millimeters or inches. A rain gauge is placed outside. It collects rain, allowing scientists to accurately measure how much rainfall occurred in a region over time.



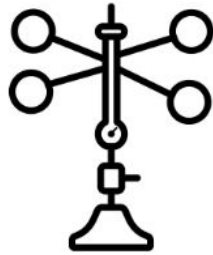
Teach Starter



This rain gauge shows how much rain has fallen over the past week. How many inches of rain was collected by the rain gauge?

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Wind speed is measured with an **anemometer**. The wind pushes the concave side of the cup, making it spin with the wind. The speed at which it turns allows scientists to determine wind speed.



anemometer

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- | | |
|--|--|
| 1. What type of weather tool is used to show wind direction? | 2. What is the purpose of a thermometer? |
| 3. What type of weather tool is used to measure wind speed? | 4. What does a rain gauge measure? |

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DOMS

WHOA! Good Job!