

Level 1

Science

Vocabulary Readers

Weather!



Justin McCory Martin

Science

Vocabulary Readers

Weather!

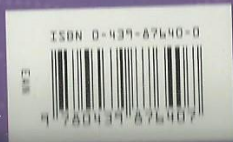


Why does it rain? Why does it snow? Why does weather change with the seasons? This great book has all the answers!

 SCHOLASTIC

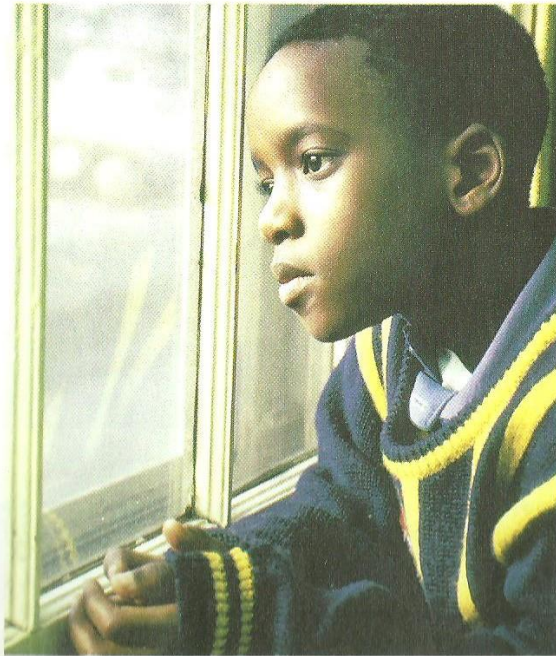
www.scholastic.com

This edition is available for distribution only.

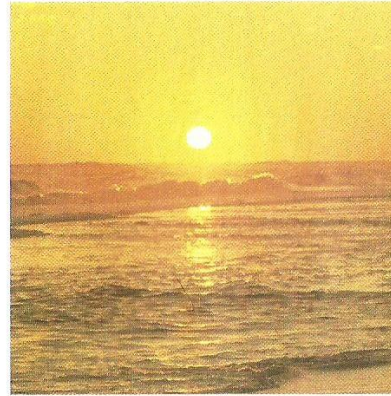


Chapter 1

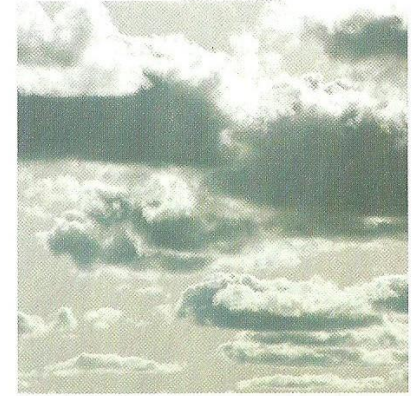
What Is Weather?



Look out the window. What do you see?
You see today's weather!



sunny



cloudy



rainy



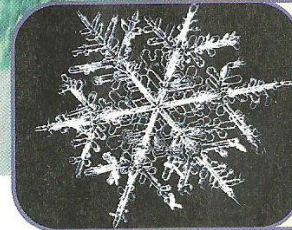
snowy

The weather is always changing. It can be sunny. It can be cloudy. It can be rainy or even supersnowy!



A falling raindrop looks like this up close.

Why does it rain? Clouds are filled with teeny drops of water. The drops grow and grow. When the drops get too heavy to hang in the air, they fall down as raindrops.

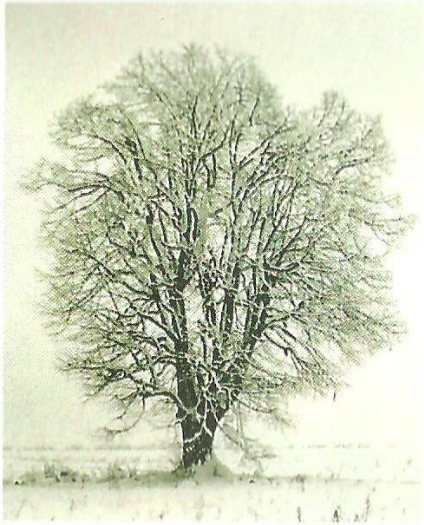


A snowflake looks like this up close.

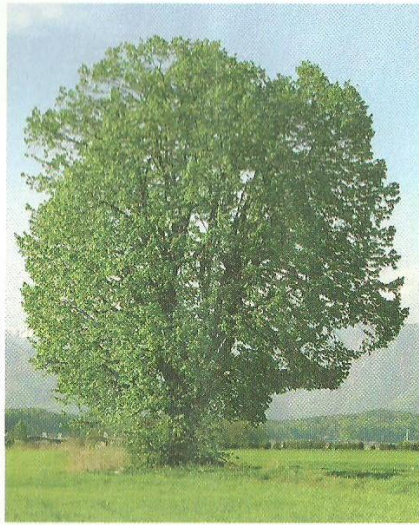
Why does it snow? When it is very cold, the water drops inside clouds freeze. Then they fall down as fluffy, white snowflakes.

Chapter 2

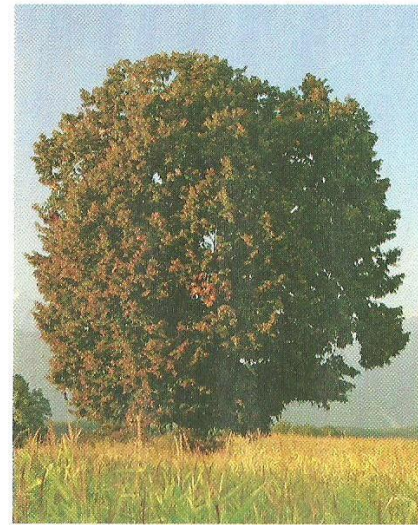
Changing Seasons



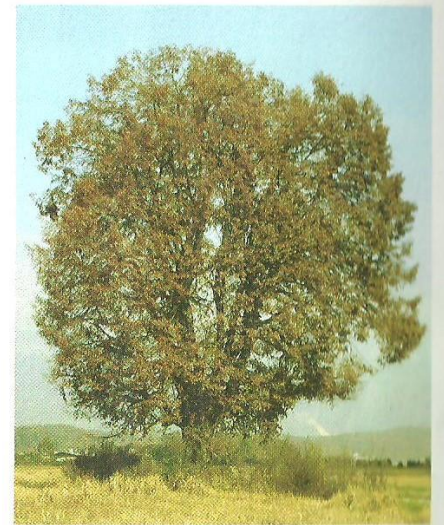
winter



spring



summer

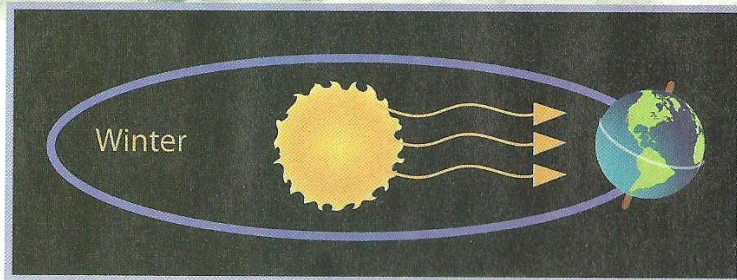
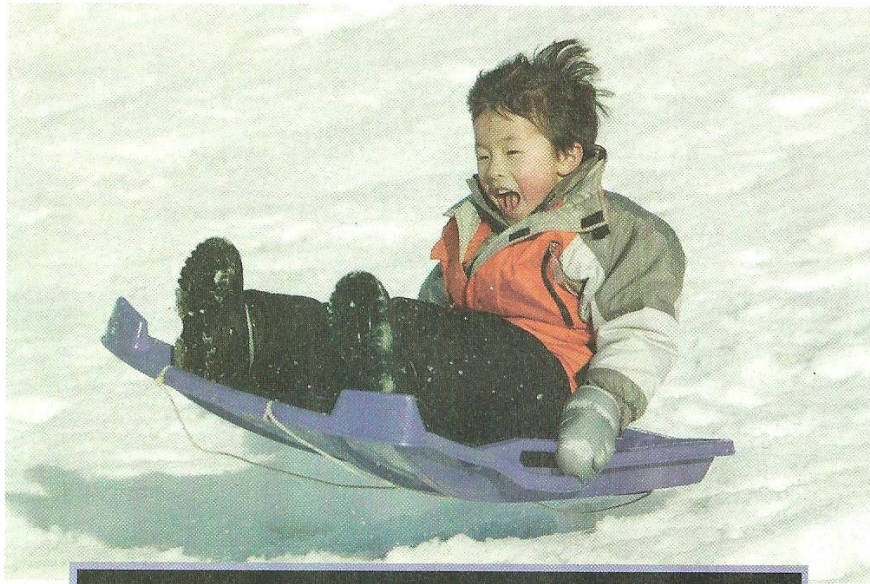


fall

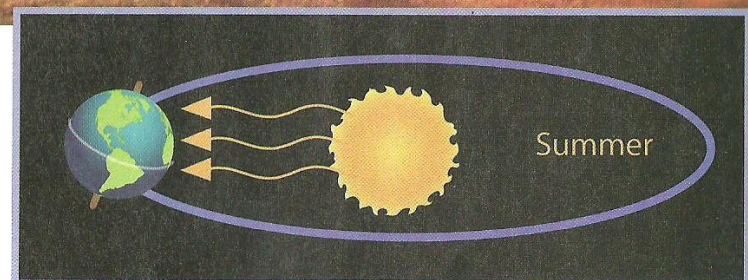
Which season is
your very favorite?

Every year we get to enjoy four fantastic seasons. Chilly winter is followed by warm, wet spring.

Next comes hot summer. Then comes cool, crisp fall. Around and around the four seasons go!



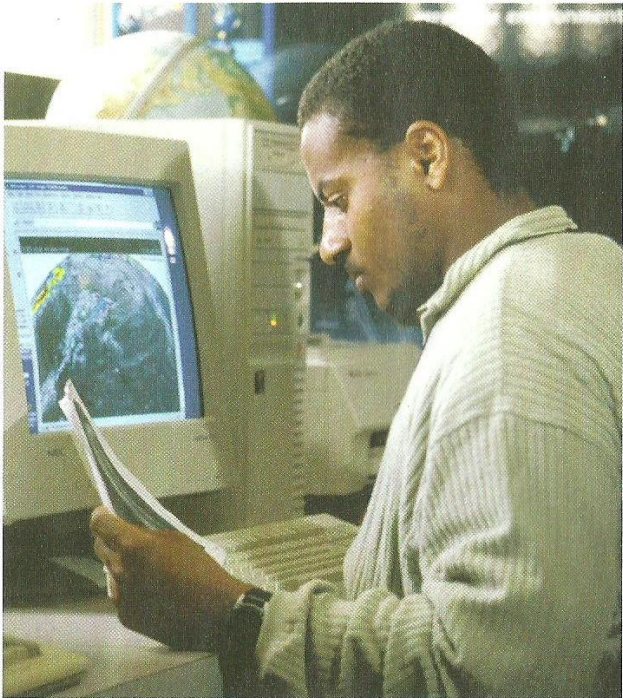
Why does the weather change with the seasons? The Earth **revolves** around the sun. In winter, the part of Earth where the United States is **tilts** away from the sun. This makes the weather colder.



In summer, the part of Earth where the United States is tilts toward the sun. This makes the weather hotter. It also gives us more hours of sunlight.

Chapter 3

Measuring Weather



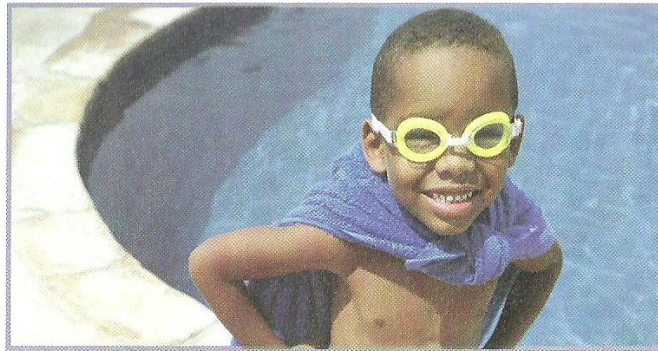
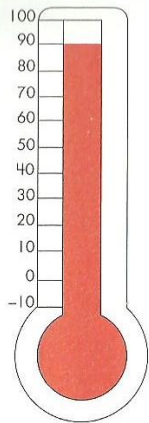
Some people have the important job of figuring out how weather will change. They are called **weather forecasters**.



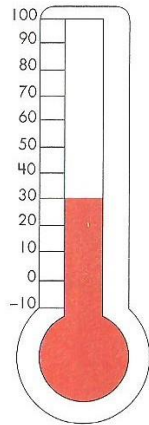
weather station

A **satellite** (sat-el-lite) takes pictures high above Earth. These pictures tell us about the weather.

Weather forecasters use special tools like this weather station to gather information about the air. They also use pictures taken by satellites in space to see if storms are coming.



90 degrees **Fahrenheit** is hot.



30 degrees **Fahrenheit** is cold.

A **thermometer** is a tool you can use to measure the temperature. A high number means it is hot. A low number means it is cold.



**Fast
Fact**

Rainbows happen when sunlight shines through falling raindrops.

What other weather tools can you use? Your five senses! You can feel wind. You can taste snow. You can hear thunder. You can smell rain. You can see a rainbow!

Glossary

Fahrenheit (**fa**-ren-hite): a scale used to measure temperature

revolve (**ri-volv**): to travel around

satellite (**sat**-el-lite): a spacecraft that orbits Earth and sends back pictures

thermometer (thur-**mom**-uh-tur): a tool used to measure temperature

tilt (**tilt**): to lean to one side

weather forecaster (**weth**-ur **for**-kast-ur): a person who studies and predicts weather

weather station (**weth**-ur **stay**-shuhn): a place where weather information is gathered

Comprehension Questions

1. Can you name four kinds of weather?
2. Can you name the four seasons?
3. Can you name three ways people can get information about the weather?