

Chapter 7

Weather

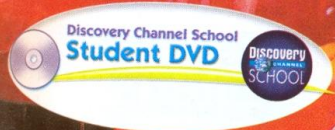
You Will Discover

- what tools are used to measure weather
- about the seasons.

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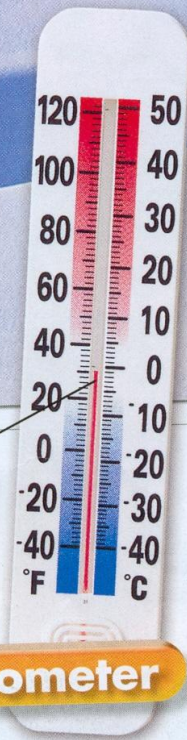


What are the four seasons?

season

weather

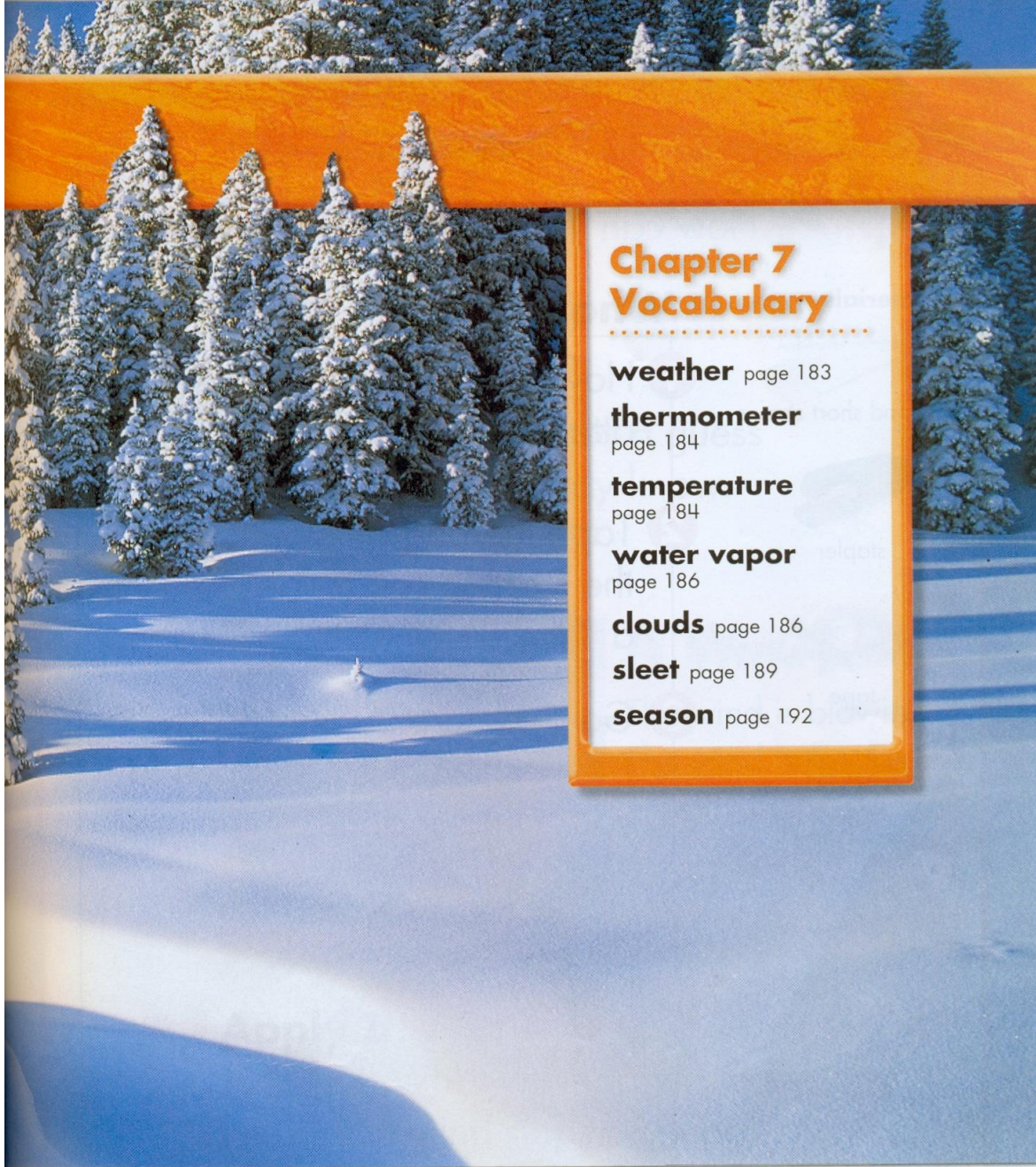
temperature



thermometer

water vapor

Water vapor is a form of water in the air.



Chapter 7 Vocabulary

weather page 183

thermometer
page 184

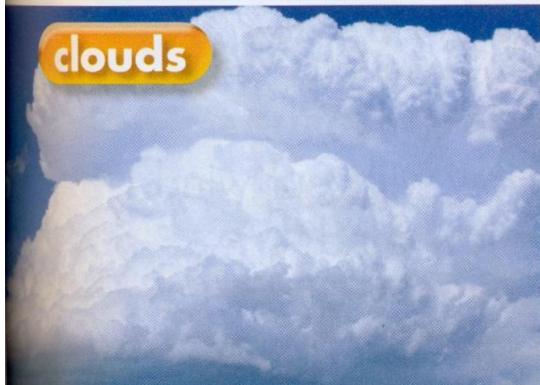
temperature
page 184

water vapor
page 186

clouds page 186

sleet page 189

season page 192



clouds



sleet

Lesson 1

How can you measure weather?

Weather is what it is like outside.

Weather may change from day to day.

Weather may be windy or still.

Weather may be cloudy or sunny.

Weather may be wet or dry.





Weather Tools

You can use a thermometer to see what the weather is like.

A **thermometer** is a tool used to measure temperature.

Temperature is how hot or cold something is.

All thermometers have numbers. The numbers show temperature.



Whew!

It is hot today.
The temperature goes up as the air gets warmer.

184



Brrr!

It is cold today.
The temperature goes down as the air gets cooler.



Lesson 2

How do clouds form?

There is water in the air.


Water vapor is a form of water in the air. You cannot see water vapor.

Clouds form when water vapor cools.

Clouds are made of tiny drops of water or pieces of ice.

Clouds have many shapes and sizes. Different clouds bring different kinds of weather.

✓ Lesson Checkpoint

1. What makes up clouds?
2.  Observe the clouds in the sky.
Predict the weather.

Lesson 3

What are some kinds of wet weather?

Rain is one kind of wet weather. Many animals look for shelter when it rains. The animals want to stay dry. Many people look for shelter too. How can you stay dry in the rain?

Plants need rain.
Plants get water from rain.
Plants need water to live.



This snake finds shelter from the rain.



These children are keeping dry in the rain.



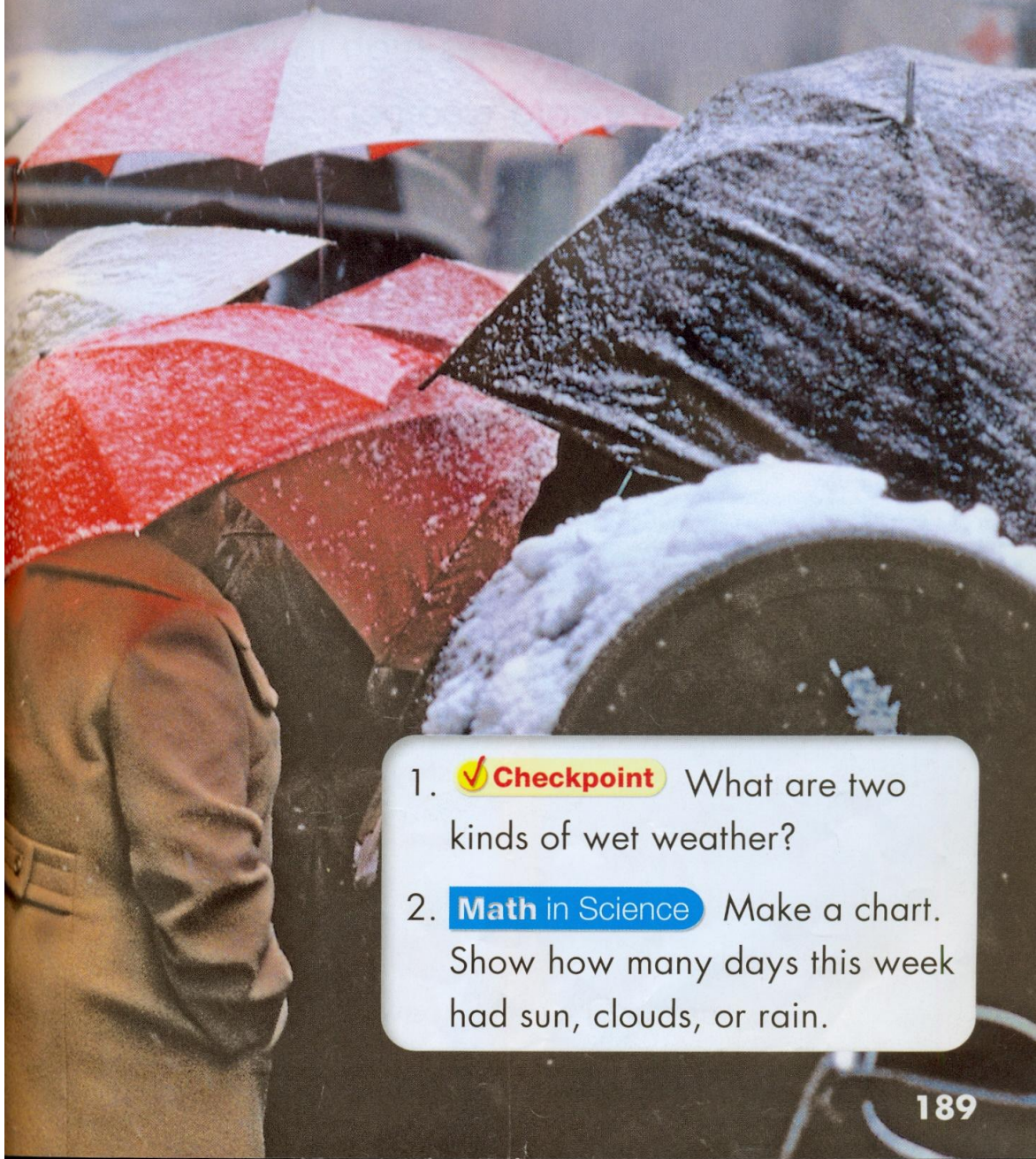
A plant needs rain to grow.

It is cold outside.

Rain may change into sleet.

Sleet is frozen rain.

Sleet is another kind of wet weather.



1. **✓ Checkpoint** What are two kinds of wet weather?
2. **Math in Science** Make a chart. Show how many days this week had sun, clouds, or rain.

Lesson 4

What are the four seasons?

A **season** is a time of year.
The four seasons are spring, summer, fall, and winter.
Spring comes after winter.



It is warm in the spring.



Summer comes after spring. Summer is warmer than spring.



The pattern of the seasons begins again.
What are the seasons like where you live?

✓ **Lesson Checkpoint**

1. Tell the four seasons in order. Begin with spring.
2. **Writing in Science** Write in your **science journal**. Tell about winter where you live.



fall

Fall comes after summer. Fall is cooler than summer.



winter

Winter comes after fall. Winter is the coldest season of the year.