

# Our Story, Our World



## Unit 1

# The World and Its Resources

Unit: 1

Lesson: 4

# Weather and Climate



## **Essential Question:**

How do weather and climate affect people?

## **Objective:**

I can explain the relationships among location, climate, and weather.

# Theme vocabulary



Climate

MONDAY		HUMIDITY 20%	~23° ~27		CLEAR
23°					
TUESDAY		20°			
WEDNESDAY		18°			
THURSDAY		15°			
FRIDAY		14°			
SATURDAY		16°			
SUNDAY		19°			

Temperature



Location



Season



# Weather

- Weather includes temperature, sunshine, rain, snow, and wind.
- If it is sunny and warm, it is a good day for swimming.
- Rain is water that falls from clouds.
- Snow is frozen rain that forms flakes.



- What else can you do on a warm, sunny day?

Go to the playground.

- Name one thing you could do if the weather is rainy.

Stay in and read a book; go out and splash in puddles.

# Climate

- Climate and weather are not the same.
- Climate is weather in a place over a long time.
- Temperature measures how hot or cold it is.





This girl is wearing a hat, coat, gloves, and boots.  
**Circle** the words that describe the weather in the picture.

hot

cold

sunny

rainy

snowy





# Mission Links: Find Evidence

**Find** the place where you live on a map.

**Talk** with a classmate about the climate there.



# Seasons

- A season is a part of the year with different weather.
- The four seasons are: winter, spring, summer, and autumn. Each lasts about three months.
- Each year, the seasons repeats.



# Winter

- Winter is the coldest season.
- Some trees and plants stop growing during winter.



# Spring

- In spring, the days grow warmer.
- Plants begin to grow again.





# Summer

- Summer is the warmest season of the year.
- Many families take a vacation in summer.



# Autumn

- Autumn comes after summer. It is also called fall.
- It becomes cooler.
- The leaves on many trees slowly die and fall to the ground.





# Unlock the Mission Links

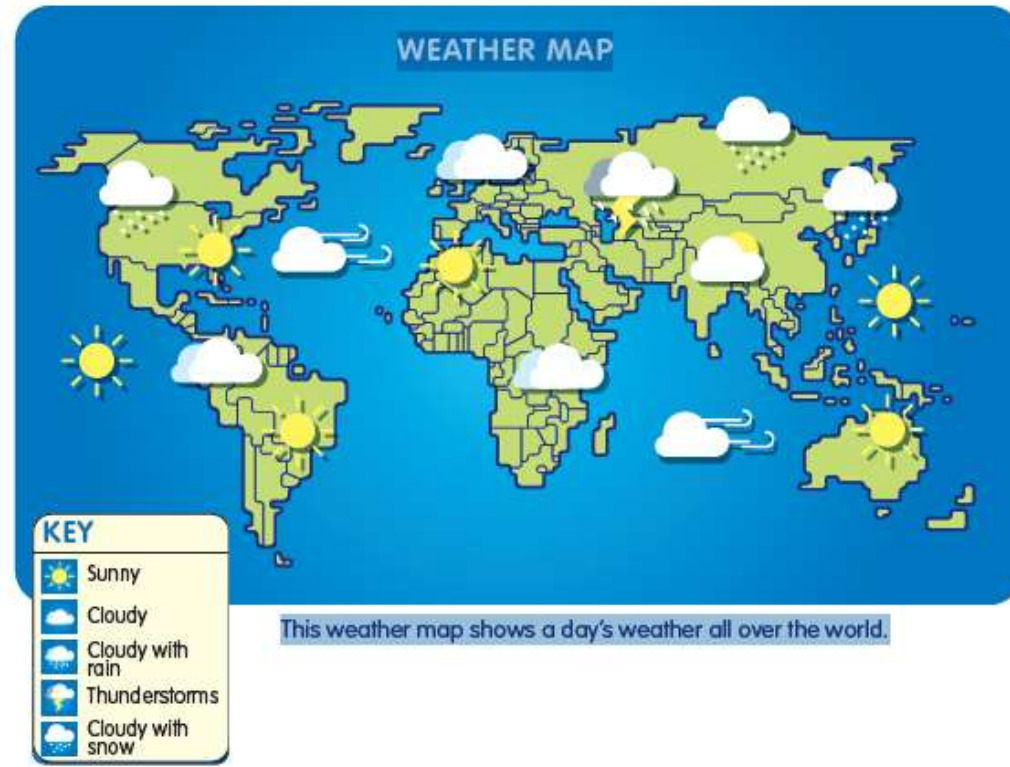
**Describe** the weather in your country.

Does your country experience all four seasons?



# Skills Practice: Reading a Weather Map

- Weather maps help us know what the weather will be.
- Some maps show temperatures and whether it's cloudy or sunny.
- They also show where it will rain, snow, or be windy.





# Try it!

Let's practice reading a daily weather map for Japan.

- What do the dots stand for?

Cities

- Why would the map include the location of cities?

So people can find a city near where they live and tell what its weather will be

- What kind of clothing do you think most of the people in Japan will be wearing on this day?

They will be wearing raincoats and rain boots.

