

Focus Questions Grade One

Weather (STC)

Lesson 1: *Sharing What We Know about Weather*

What is the weather like today? How does the weather affect what we wear and what we do?

Lesson 2: *Observing the Weather*

What can our senses tell us about the weather?

Lesson 3: *Recording the Weather*

How can we record the weather? How does the weather change from day to day and through the seasons?

Lesson 4: *Estimating Wind Speed*

How can we tell how much the wind is blowing?

Lesson 5 and 6: *Reading a Thermometer and Making a Model Thermometer*

What do the numbers on the thermometer tell us about the temperature outside?

Lesson 7: *Comparing Inside and Outside Temperatures*

Do you think the temperature inside the room will be the same or different from the temperature outside? Explain your thinking.

Lesson 8: *Measuring Water Temperature*

When you mix hot and cold water together, about what temperature do you think the mixed water will be?

Lesson 9: *Experimenting with Color and Temperature*

Do you think clothes of certain colors can keep you cool in sunlight when it is hot outside? Explain your thinking.

Lesson 10: *Making a Rain Gauge*

How could we keep track of how much rain falls each day?

Weather Focus Questions (Continued)

Lesson 11: *Exploring Puddles*

Where does the water from a puddle of water go?

Lesson 12: *Testing Rainy Day Fabrics*

Which fabric do you think would keep you the driest in the rain? Why do you think that?

Lessons 13 and 14: *Observing Clouds and Classifying Clouds*

How are clouds alike and different?

Lesson 15: *Comparing Forecasts to Today's Weather*

What do you think meteorologists should observe when they forecast the weather? How do weather forecasts help people in their daily lives?