

Guided Reading Lesson

Grade Level: 3	SOL: 3.3
<u>Title:</u> The World of Matter by Ron Cole	
<u>Before Reading:</u> -Predict and Preview Selection -Ask for and/or provide background knowledge -Vocabulary instruction/preview (if needed for unknown words) -Discuss the use and location of the table of contents and index	
<u>During Reading:</u> -Students read individually -Listen to Individual Reader <u>Guiding Questions</u> <ul style="list-style-type: none">• Read page one.• If you can't see it, is it matter? (answer orally)• Read pages two and three (materials and property)• What are the five properties of different materials? (RRJ)• Share responses.• Read pages four and five (Natural and man-made materials).• What is a synonym for natural materials? (RRJ)• Share responses.• Read pages six and seven (solids).• What is a solid? (RRJ)• Share responses.• Read pages eight and nine (liquids).• Why don't liquids have a definite shape? (RRJ)• Share responses.• Read pages ten and eleven (Gases).• How are gases able to fill their containers? (RRJ)• Share responses.• Read pages twelve and thirteen (Changing states of matter).• What generally causes the state of matter to change? (RRJ)• Share responses.• Read pages fourteen and fifteen (chemical changes). *not third grade SOL• Give an example of a chemical change and what causes it. (RRJ)• Share responses.• Read page sixteen.• List as many solids, liquids, and gases that you can identify in the beach scene. (RRJ)• Share responses.	
<u>After Reading:</u> Think sheet	

Name _____

Think Sheet
The World of Matter

1. What are two properties of sugar?
2. What is a synonym for inflate?
3. If you want to find out the weight of a material, what measuring device (tool) would you use?
4. Would you find out how much space a liquid takes up using the same measuring device (tool) as in number 3?
5. (Refer to page five) Name two raw materials that can be molded into different shapes.
6. Draw a line to match the solid to its property.

Bronze bell	brittle
glass/ceramic	flexible
plastic	vibrates
7. What causes the mercury in a thermometer tube to expand and rise?
8. How can power from wind (flowing air) help us **and** how can it cause damage?
9. Fog is made up of droplets of liquid water. What causes fog?
10. Use the index to list the topics that are included under metals.

