







Grade 3 Science

Stude	nt Name:		Date:				
	-	e words in the box se used at all!	x to fill in the blanks. So	me words will be used mo	ore than once.		
		solid	liquid	gas			
		properties	matter	air			
1.	Everything in	n the world is ma	de up of me! I am		·		
2.	We are the three common forms of matter on Earth. We are, and,						
3.	We are char	are characteristics that help describe matter. We are					
4.			container. My molecul	es wiggle and move arour	nd. What state of		
5.				e just a little and are pack			
6.		•	•	wiggle and move around nat state of matter am I?	a lot. They don't		
7.	These pictur	res show how ou	r particles are arranged.	Can you tell what state o	of matter we are?		
	I am a		I am a	I am a			







Student Name:

Heat and Matter



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ACTIVITY	2: We saw in the	: video now iron a	ing silver can	change from	solia to liquid	i wnen neat is	;

added, and then turn back to a solid when heat is removed. Now you will investigate how heat changes matter!

Follow these steps as your teacher directs you.

- 1. Observe the butter in the cup. Is it a solid, liquid, or gas? How do you know? Fill in your answers in the first row of the table below.
- 2. Place the cup of butter into the larger cup of hot water. Gently stir the butter with the wooden stick for a minute or two. Is the butter now a solid, liquid, or gas? How do you know? Fill in your answers in the second row of the table.
- 3. Take your cup of butter out of the hot water and put it into the larger cup of ice-cold water. Leave it there for a minute or two. Is the butter now a solid, liquid, or gas? How do you know? Fill in your answers in the last row of the table.

	Solid, Liquid, or Gas?	How do you know?
Butter at Room Temperature		
Butter Placed in Hot Water		
Butter Placed in Ice-cold Water		

