

Name \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

### Lesson 4: In a Nutshell



Lesson 4 Question: What affects the temperature of a system?

<p>1. How does the type of matter in a system affect the temperature when the amount of thermal energy is changed?</p>	<p>Different types of matter (oil/water diff. densities) have different levels of heat conduction.</p> <p>Dog: skin, fur, bone, liquids, muscle</p>
<p>2. How does the amount of matter in a system affect the temperature when the amount of thermal energy is changed?</p>	<p>The more matter added, the greater the change.</p> <p>Dog: bigger the dog, more thermal energy</p>

water vs oil

2 bolts vs 11 bolts