

Heat and Temperature

Answer the following questions (using *Kami*) while watching the [Heat and Temperature Video - Click Here](#).

1. What does a thermal imaging camera do?	
2. What do we use to measure the precise heat energy in an object?	
3. List the three temperature scales described in the video.	
4. What happens to most things when they heat up? What about when they are cooled?	
5. How does a thermometer work?	
6. What is absolute zero?	
7. List three more interesting things you learned from watching "Heat and Temperature".	

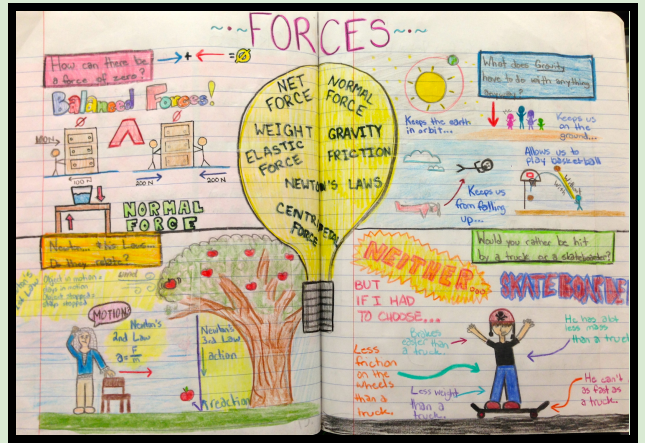
Heat and Temperature One Pager

Directions

[CLICK HERE FOR SCIENCE ONE PAGER EXAMPLES](#)

Use the [Heat and Temperature Discovery Education Explore Pages \(click here\)](#) to create a one pager in your science notebook that addresses the following:

CONTENT REQUIREMENTS



1. Include the title - Heat and Temperature
2. What Is the Relationship between Thermal Energy, Temperature, and the Motion of Molecules in a Substance?
 - a. Include the following terms: solid, liquid, gas, temperature
3. What Is Heat, and How Does It Affect the Molecules in a Substance?
 - a. Include the following terms: heat, thermal energy
4. How Can Heat Be Transferred from One Object to Another?
 - a. Include the following terms: conduction, convection, radiation
5. Include at least three “real world” connections to the topic.

Visual Requirements:

- Use at least five colors
- Each vocabulary term should have at least one image connected to it
- Be creative
- Embrace stick figures
- Have Fun
- Create cartoons

I CAN DESCRIBE HOW ENERGY IS TRANSFERRED AND CONSERVED.