

Thank you for considering this LINKtivity for your classroom, but before you make a decision - you should know that you can get access to this LINKtivity + PLUS our entire library for about the same price as a single LINKtivity!

The results are in: Teachers LOVE LINKtivities... and want more! So, we've made it SUPER easy and cost effective for you to access any and ALL of our LINKtivities inside our LINKtivity Learning membership option! Instead of purchasing just ONE LINKtivity - why not get access to ALL of them... for about the SAME PRICE!

### **INSIDE THE MEMBERSHIP YOU'LL HAVE UNLIMITED ACCESS TO:**

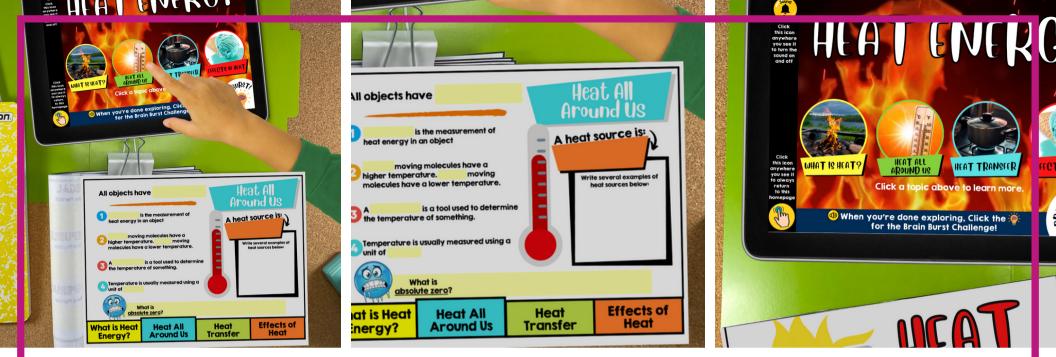
- The entire growing LINKtivity® library inside the Membership (LINKtivities for all content areas)
- ALL future LINKtivities to be added to the membership (new releases each month!)
- Teacher guides to help you set up each LINKtivity® successfully in your classroom
  - Student resources that go along with each LINKtivity (printable OR digital)

Kid-friendly rubrics and answer keys for each **LINKtivity**®









Inside the Heat Energy LINKtivity® students will learn what creates heat energy, how heat energy is transferred from one object to another (convection, conduction, radiation), and the effects heat can have on objects. Additionally, students will learn about conductors and insulators of heat. Students will also explore several related videos before completing the knowledge self-check.



### More Sample Slides





Ever stand next to a fireplace to get warm or light the stove to heat up a pot of water? When you do this, you are transferring, or moving, heat from one object to another. Heat moves between two objects when there is a difference in temperature. Heat always moves from warmer objects to colder object.

### Heat Fransfer

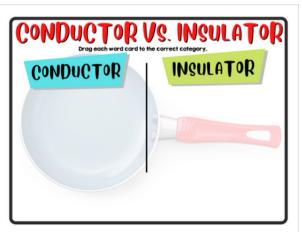
WAYS TO TRANSFER HEAT CONDUCTORS & INSULATORS Like such category above to learn more.

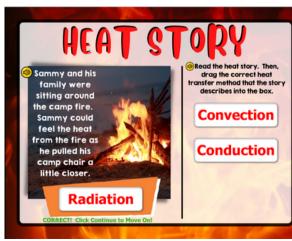


By adding or subtracting heat energy, we can make changes to an object. When heat energy increases, molecules inside of the object move faster. A decrease in heat energy will slow down the movement of molecules. This change in heat energy can have a variety of effects



test your knowledge of heat energy by completing each activity below. MATCH - UP MATCH - UP HEAT STORIES





Watch these ice cubes melt. The heat in the air around the ice is greater than the heat of the ice cubes. As the heat transfers from the warmer air to the colder ice, the heat energy of the ice cubes increase and the molecules begin to move faster. As the molecules move faster, they expand and the ice begins to melt. If we wanted to reverse this action, we would need to take heat away from the melting ice in order to turn it back into a solid.



**Perfect for English** language learners or students who could use a little extra support!

This LINKtivity is provided with

P(n)P

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Heat

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WAYS TO

**TRANSFER H** 

CONDUCTO

Click each category above to

INSULATO

# KNOWLEDGE CHECK

Students complete a quick self-check at the end of the LINKtivity to show what they have learned! Sammy and his family were sitting around the camp fire. Sammy could feel the heat from the fire as he pulled his camp chair a

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Pm

## Radiation CORRECT! Click Continue to Move On!

little closer.

NEAT SINGLA OKY Ny and his N

Convection

Conduction

## **Teacher & Student Resources**

All objects have

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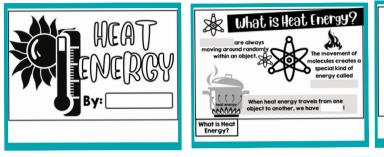
Heat All Around Us

Heat A

Around Us

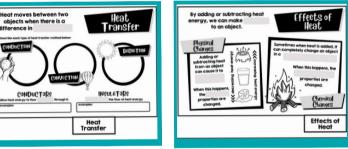
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### **Printable Flpbook for LINKtivity**



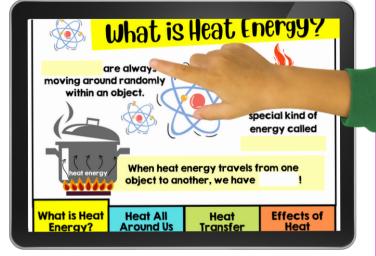
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CONDUCTORS





**Digital Flipbook for LINKtivity in Google Slides** 



### Lesson Plan, Answer Key & Rubric

