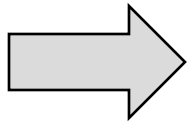


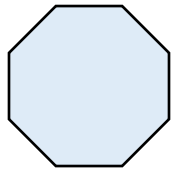
# Teacher Directions

Use these INB templates as reinforcement as you work through a lesson.

Some INBs are better filled out throughout a lesson, while others should wait till after their topic is covered. Each is marked on their instructions.



Use throughout the lesson

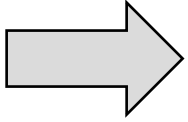


Use after this topic is covered

Photos of sample completed INBs are at the end of this file.



# Quick Action – INB Template

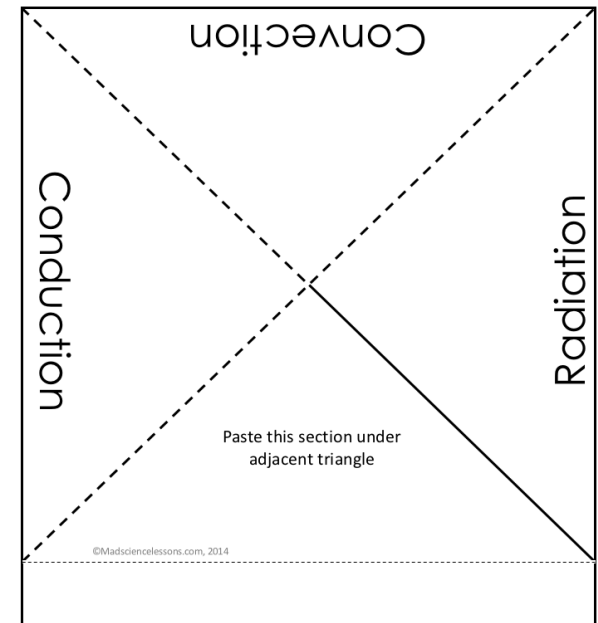


Use throughout the lesson

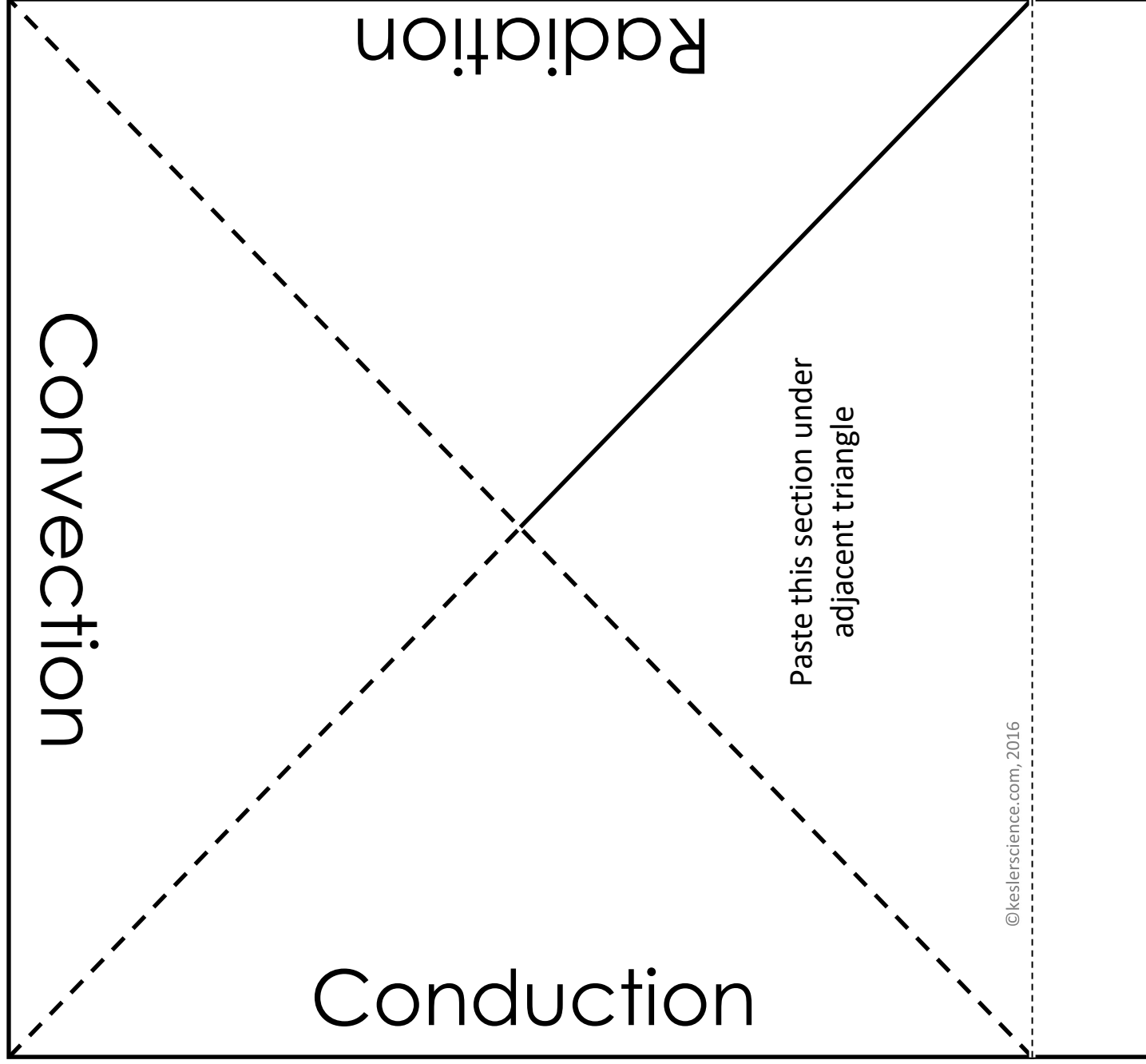
## Title INB Template

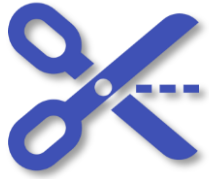
1. Cut out the Template.
2. Paste the tab into your notebook and paste the section under the adjacent triangle.
3. Make a pyramid.
4. Use this for your definitions.

Conduction, Convection & Radiation

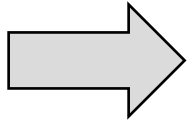


# Conduction, Convection & Radiation





# Quick Action – INB Template



Use throughout the lesson

## Title INB Template

1. Cut out the template on all solid lines.
2. Glue the solid side into your notebook.
3. You should have 3 flip pages for additional notes.
4. Use this for your examples.

Conduction	Convection	Radiation

Conduction, Convection &  
Radiation

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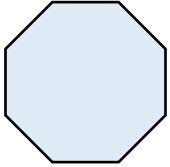
©MadSciencelessons.com, 2014

# Conduction, Convection & Radiation

		Conduction
		Convection
		Radiation



# Quick Action – INB Template



Use after this topic is covered

## Title INB Template

1. Cut out the template
2. Glue the tab at the top into your notebook.
3. Fold to make a 3 page flip book.
4. Complete the flipbook, apply what you have learned to describe the different situations.

Conduction, Convection & Radiation

Describe the heat transfer in the picture below



Describe the heat transfer in the wind, the Earth's oceans, and the Earth's mantle.

Describe how sunburns are related to heat transfer.

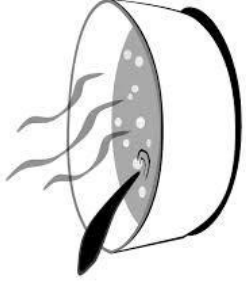


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# Conduction, Convection & Radiation

Describe the heat transfer in the picture below



Describe the heat transfer in the wind, the Earth's oceans, and the Earth's mantle.

Describe how sunburns are related to heat transfer.




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# Conduction, Convection, Radiation

Describe the heat transfer in the picture below

The heat is being transferred from the hot soup bowl to the spoon by conduction.



Wind - when heat rises & cool air falls, wind is created.

Oceans - when warm water rises and cool water falls currents are created. A second factor is wind


Mantle - when hot magma rises and cool magma/rock falls it causes the tectonic plates to move

All are examples of convection currents

Describe the heat transfer in the wind, the Earth's oceans, and the Earth's mantle.

Describe how sunburns are related to heat transfer.

Sunburns are caused from the radiant energy from the Sun. The energy is released by the Sun in the form of electromagnetic waves and can cause sunburns on Earth.




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Conduction Convection Radiation

Heat Transformations

Describe how sunburns are related to heat transfer.

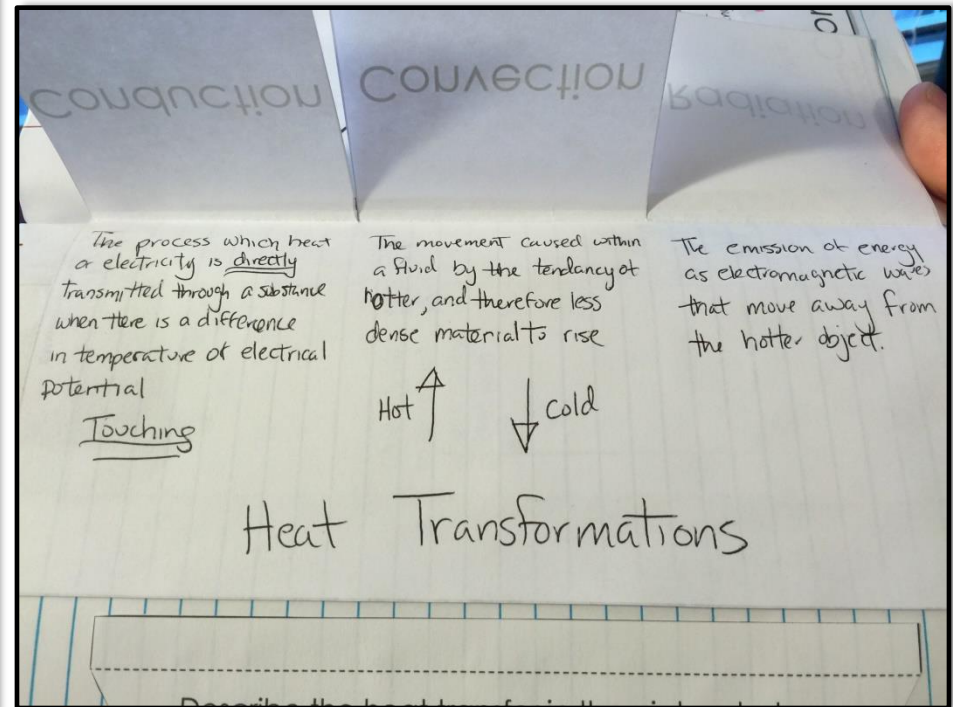
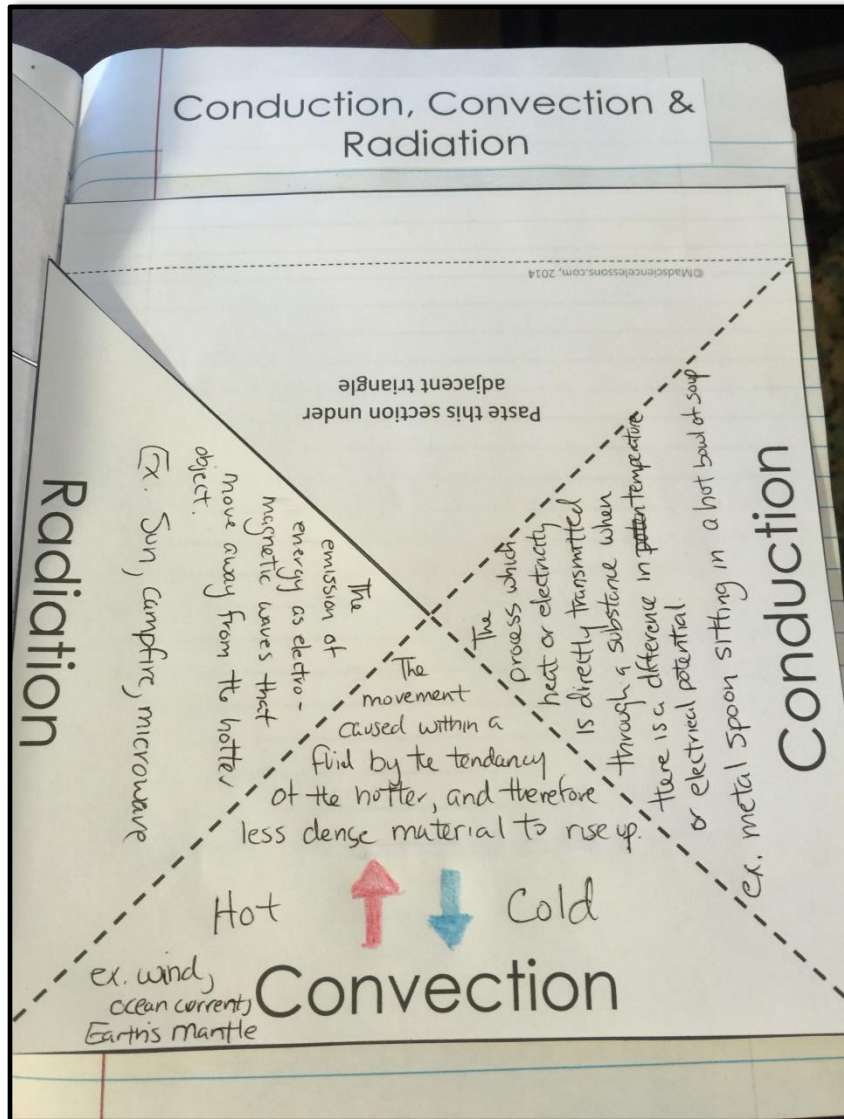
Sunburns are caused from the radiant energy from the Sun. The energy is released by the Sun in the form of electromagnetic waves and can cause sunburns on Earth.



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# Conduction, Convection, Radiation



# Conduction, Convection, Radiation

