

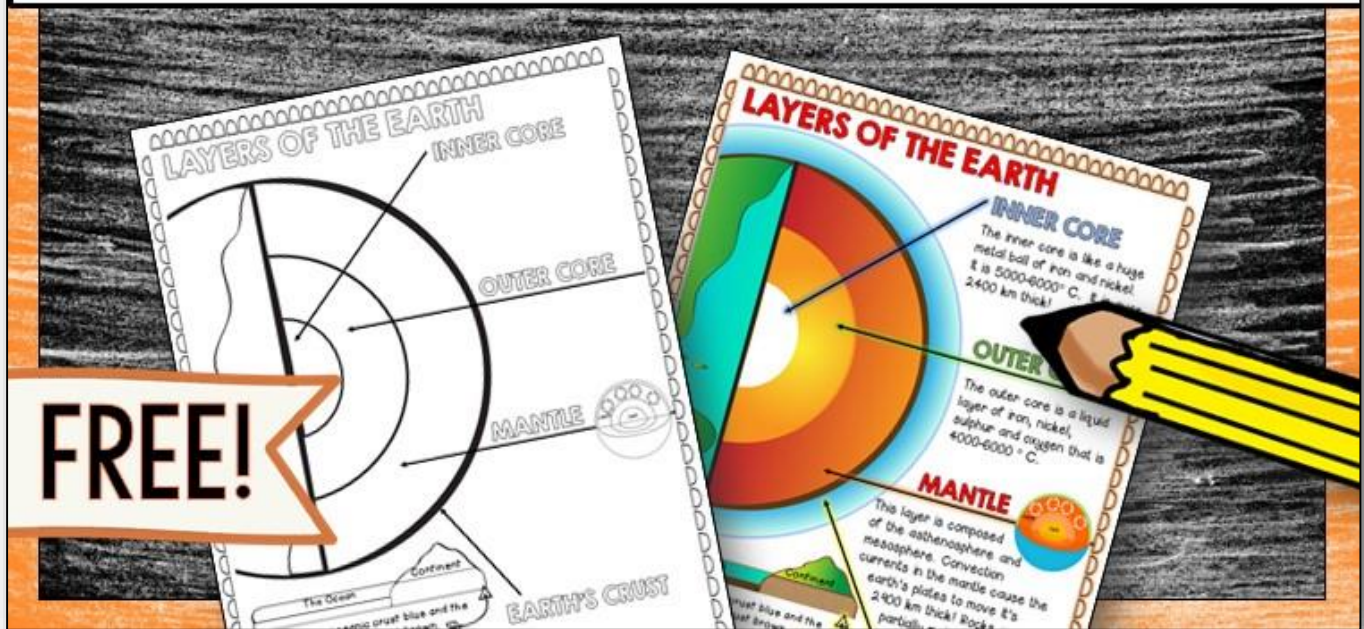


INCLUDES ANSWER KEY



EARTH'S LAYERS

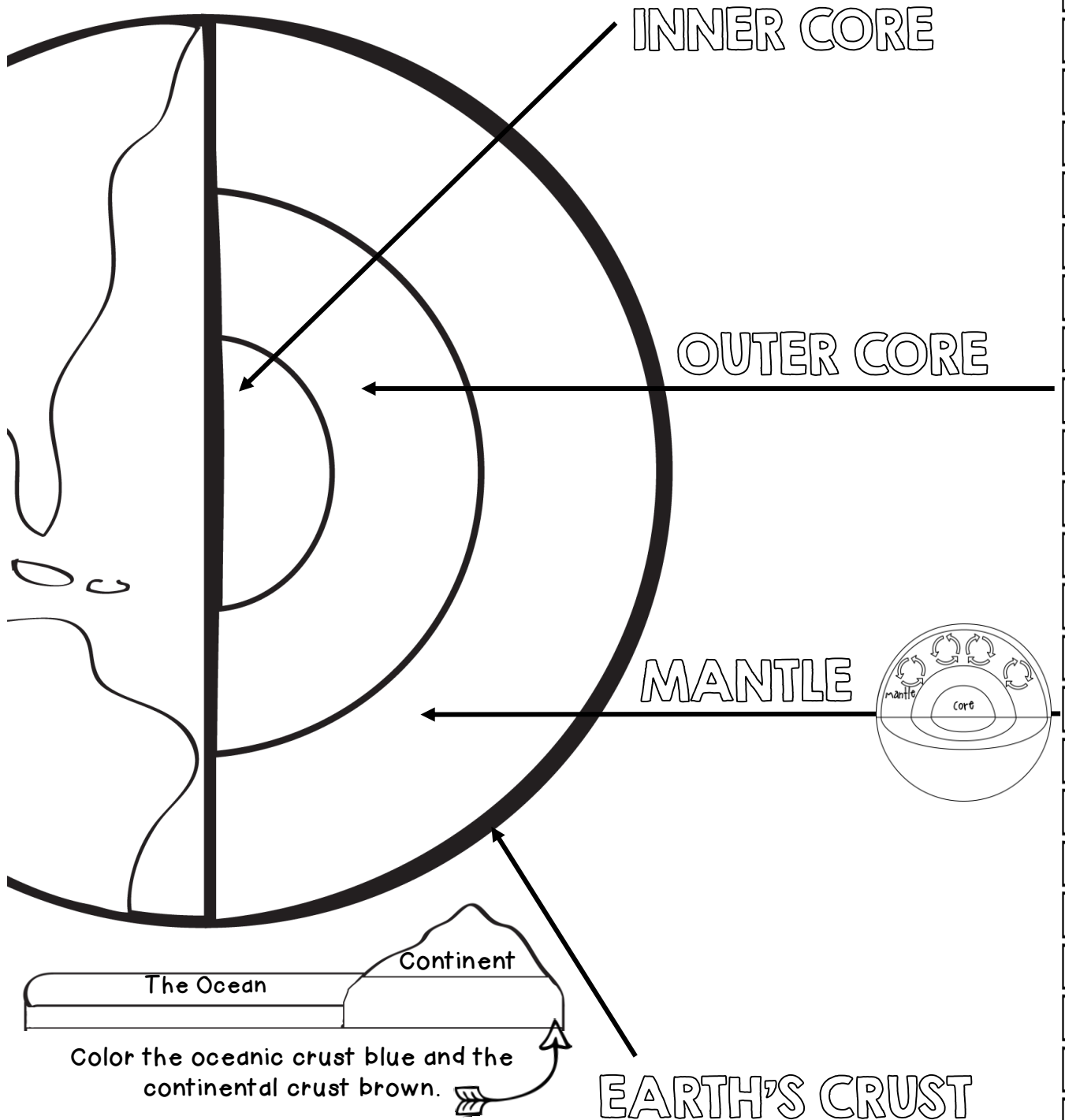
Doodle Notes Organizer



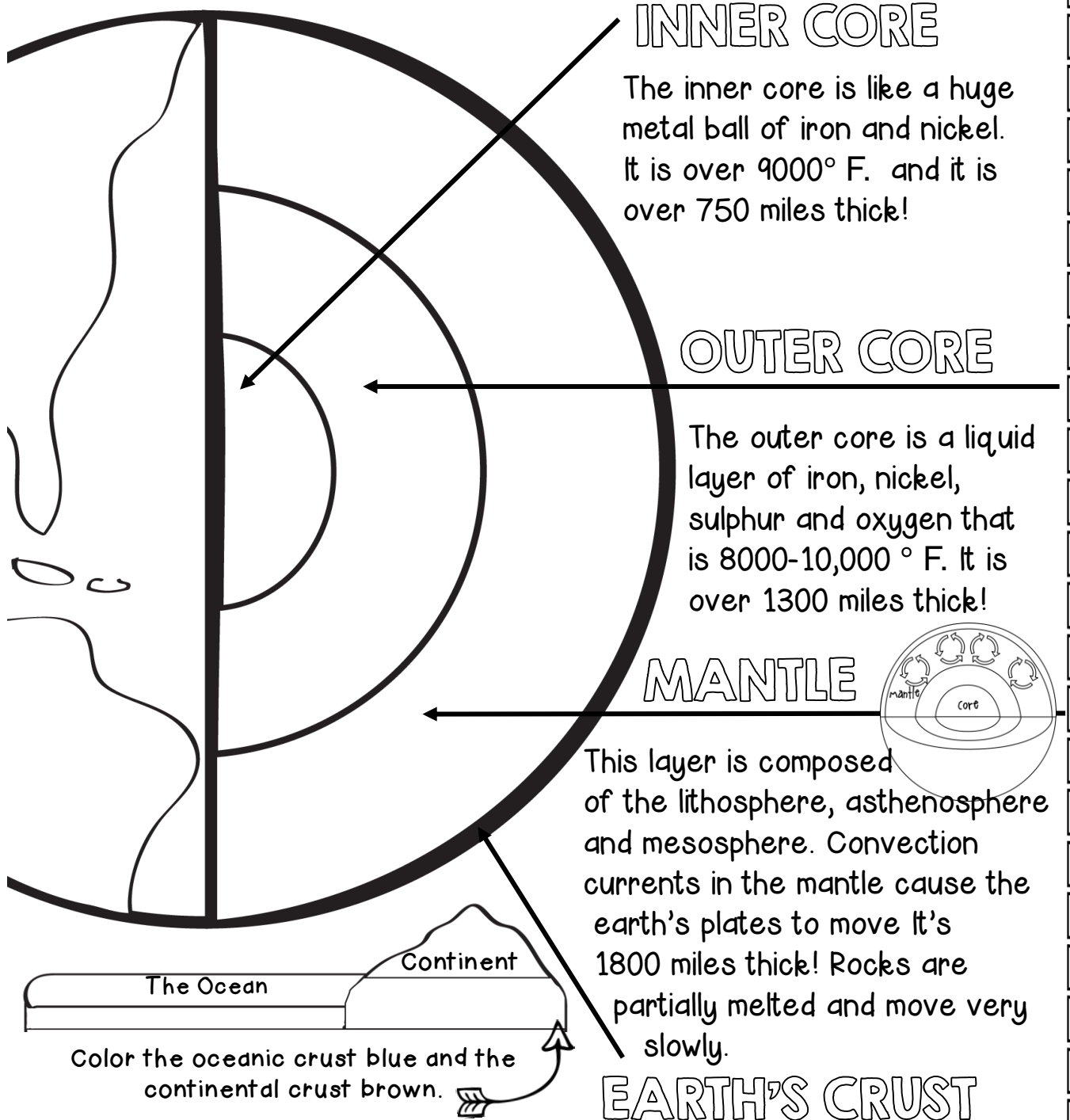
Thanks for downloading this Doodle Notes activity. You can use these organizers in a variety of ways. Here are a few ideas:

- Introduction to a Plate Tectonics unit using a textbook or the internet
- Review activity
- As a note taking template for a PowerPoint or notes
- Use the black & white answer key as a reference sheet
- Encourage early finishers to add more color!
- Have fun! My students love to color these in and add extra details!

LAYERS OF THE EARTH



LAYERS OF THE EARTH



LAYERS OF THE EARTH

INNER CORE

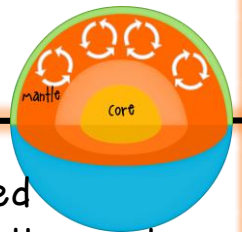
The inner core is like a huge metal ball of iron and nickel. It is over 9000° F. and it is over 750 miles thick!

OUTER CORE

The outer core is a liquid layer of iron, nickel, sulphur and oxygen that is 8000-10,000 ° F. It is over 1300 miles thick!

MANTLE

This layer is composed of the lithosphere, asthenosphere and mesosphere. Convection currents in the mantle cause the earth's plates to move. It's 1800 miles thick! Rocks are partially melted and move very slowly.



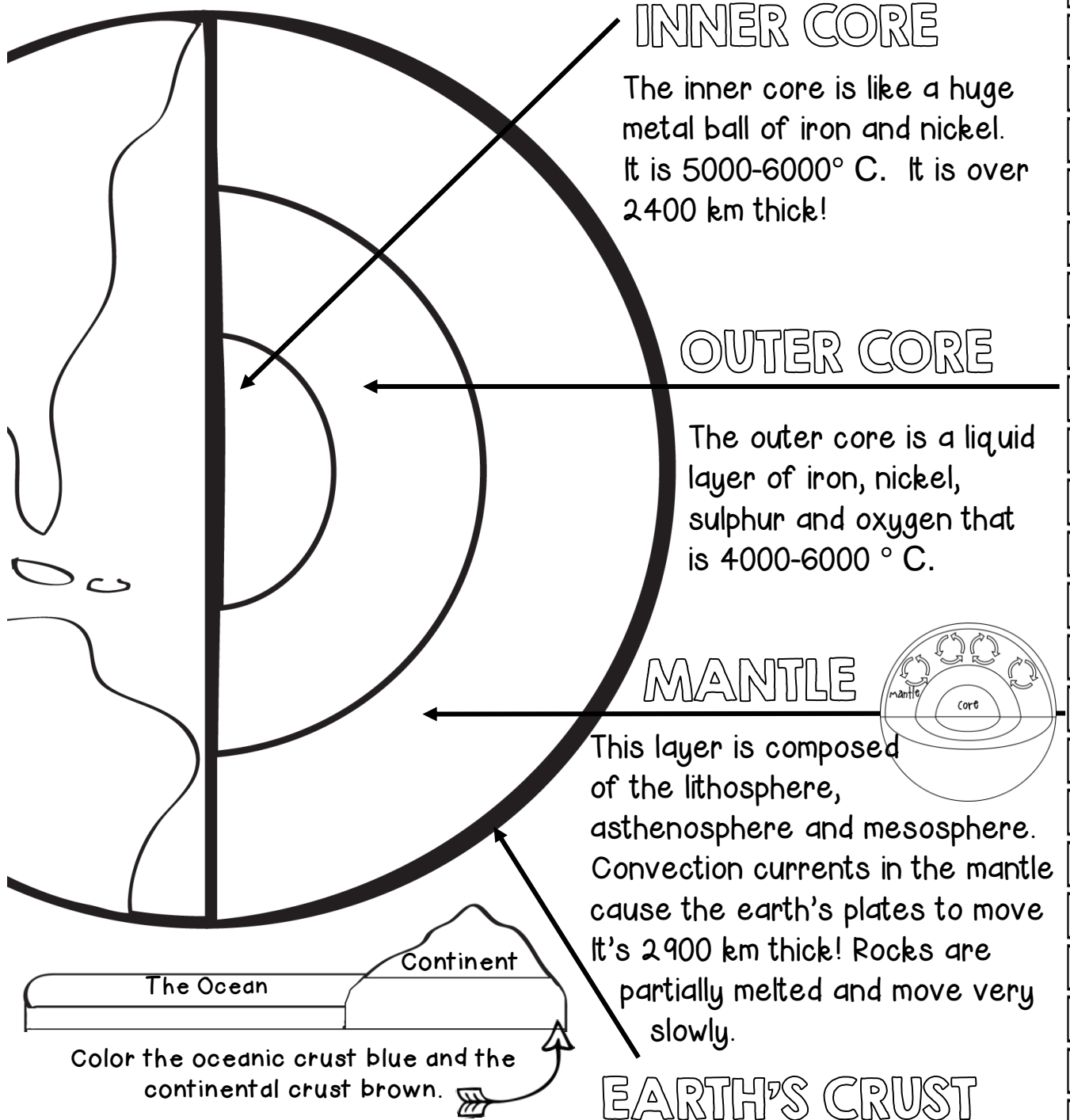
EARTH'S CRUST

The crust is the solid outer layer and is made up of both oceanic and continental crust. Oceanic crust is made of heavier minerals and sinks below the lighter thicker continental crust. The crust is 3-30 miles thick!

Color the oceanic crust blue and the continental crust brown.



LAYERS OF THE EARTH



LAYERS OF THE EARTH

INNER CORE

The inner core is like a huge metal ball of iron and nickel. It is $5000-6000^{\circ}\text{C}$. It is over 2400 km thick!

OUTER CORE

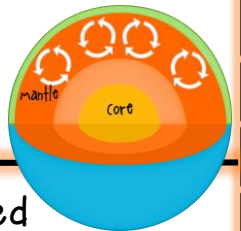
The outer core is a liquid layer of iron, nickel, sulphur and oxygen that is $4000-6000^{\circ}\text{C}$.

MANTLE

This layer is composed of the lithosphere, asthenosphere and mesosphere. Convection currents in the mantle cause the earth's plates to move. It's 2900 km thick! Rocks are partially melted and move very slowly.

EARTH'S CRUST

The crust is the solid outer layer and is made up of both oceanic and continental crust. Oceanic crust is made of heavier minerals and sinks below the lighter thicker continental crust. The crust is 5-70 km thick!

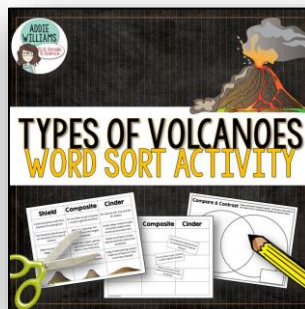
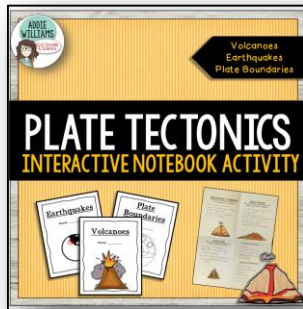
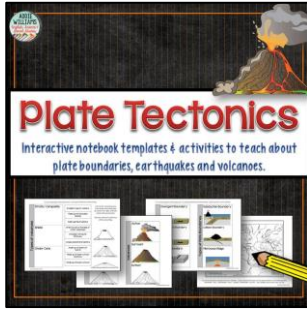


Color the oceanic crust blue and the continental crust brown.

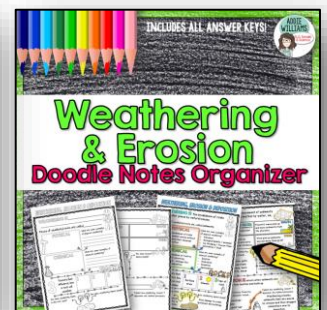
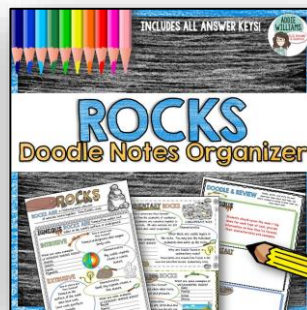
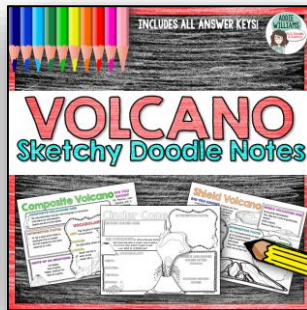
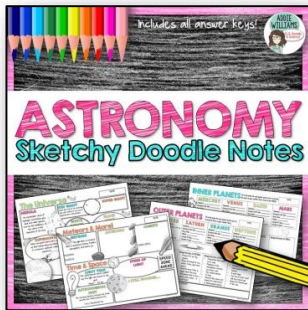
Thanks! Please check out more resources



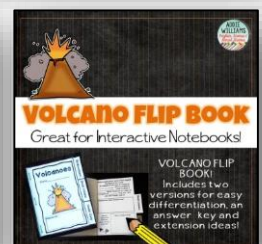
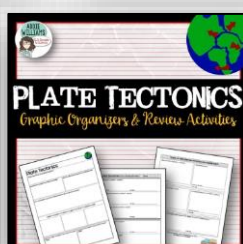
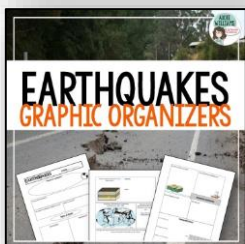
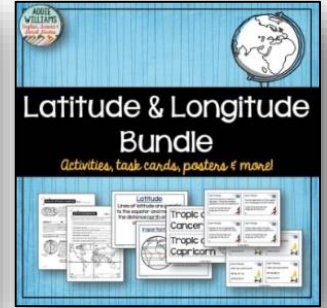
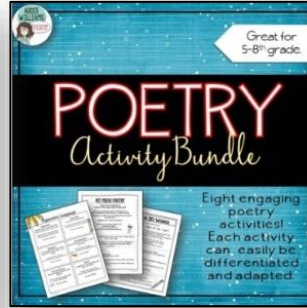
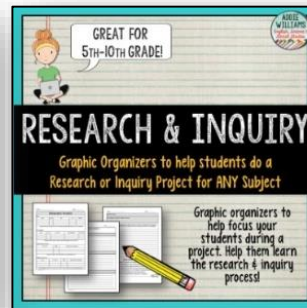
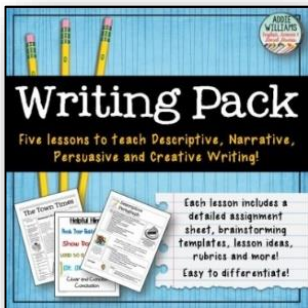
Plate Tectonic Resources



Doodle Organizer Resources



More Resources



Let's Keep in Touch!



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