

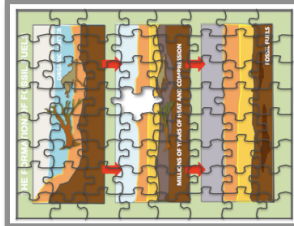
Name: _____ Date: _____

SCIENCE ART

Formation of Fossil Fuels Jigsaw Puzzle

Project:

Create your own formation of fossil fuels jigsaw puzzle!

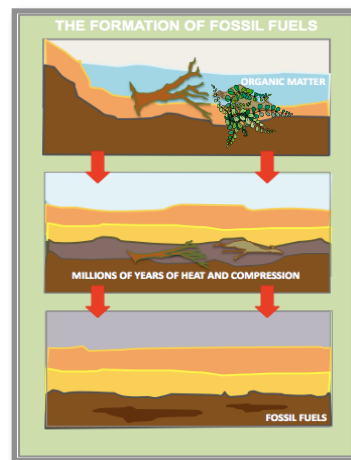
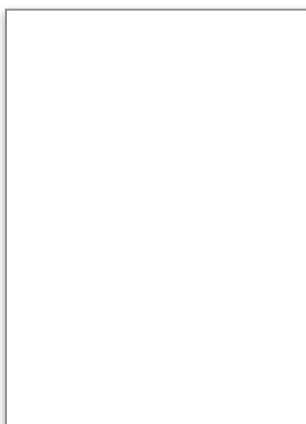


Materials:

- 8.5" x 11" Poster Board
- 8.5" x 11" Printer Paper
- Colored Pencils
- Glue Stick
- Jigsaw Template
- Scissors

Instructions:

- 1. Brainstorm:** Begin by thinking about the formation of fossil fuels. How does this process work and how would you like to illustrate it? What are the different steps? Think about all of the diagrams you have seen of ancient swamps where coal formed and of the ancient ocean bottom where oil and natural gas formed. It may help to make a small sketch of how you would like your puzzle to look before you begin your actual drawing.
- 2. Draw:** Once you have decided on what you want your puzzle to look like, take a sheet of printer paper and begin drawing.



Make sure to show different layers of sediment, organic matter, and the passage of time. Use aids like arrows and labels to help explain what is going on in your picture.

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Instructions (continued):

- 3. Construct:** When you are happy with your drawing, take your sheet of poster board and apply a thin, but consistent, layer of glue. Carefully place your drawing on top of the poster board and then run your hands over the surface to get rid of any air bubbles. Let this dry and then flip your poster board over and apply a layer of glue to the other side. Take your jigsaw puzzle template and carefully place it on top of the glue. Make sure that both sides are smooth and then let your puzzle dry for five minutes.
- 4. Cut:** When the glue is completely dry, place your poster board on your work surface with the jigsaw puzzle template face up. Carefully use your scissors to cut out the puzzle pieces. This may take a lot of patience, but the more precise you are with your cuts, the better your puzzle pieces will fit together.
- 5. Assemble:** After you have finished cutting all of your puzzle pieces, turn them over, and try to reassemble your image. Is it easy? Difficult? Try trading with your classmates and showing it off to your friends and family!

