

T-SHIRT & HAND PROPS

MATERIALS NEEDED - Craft time of 45 minutes

Supplies needed for T-shirt

- T-shirts (provided by students)
- Black permanent markers
- Newspaper
- Sets of stamps (1 per classroom)
- Black ink pads (2 per classroom)
- Sets of sponges (1 set per classroom)
- Bottles of gray fabric paint (2 per classroom)
- Spray bottles with blue dye (1-2 per classroom)
- Red & orange dye
- Plastic containers (2 per classroom, one for red dye, one for orange dye)
- Pipettes (6, 3 for each color of dye)
- Tarps (3 per classroom)

Supplies needed for Hand Puppets

Igneous:

- Set of streamers (1 set per student, includes 2 orange & 2 red)
- Black half pipe cleaners (2 per student)
- Half sheets of black paper (2 per student) (provided by teacher)

Metamorphic:

- Small square of grey foam (1 per student)
- Bug sticker (1 per student)
- Half black pipe cleaner (1 per student)
- Square of white craft foam (1 per student)
- Half white pipe cleaner (1 per student)
- Full white pipe cleaner (1 per student)

Sedimentary:

- Construction paper (2 per student) (provided by teacher)
- Layers Craft Box

T-SHIRT:

These T-shirts will have the title of the song stamped across the top and by using several methods (stamping, drip-dyeing, sponging, and spray-dyeing), will depict where the 3 types of rocks are made: the volcano that some rocks are formed within, the ocean or river that some rocks are formed beneath, and the rocks which turn into other rocks.

1. Pass out the T-shirts and make sure the students have their name on them with a permanent marker in the tag area. (If you have time, put the shirts on the desks before the intro.)
2. Pass out a piece of newspaper and a black permanent marker to each student. Have them put the newspaper inside their shirt 'divide' the front of their shirt into 3 sections. They need to be sure to leave space for the title words to be stamped across the top of the shirt. It could be vertically, horizontally, or just randomly as long as there is room for all three (and the title) in the end.



3. They will draw a volcano shape on one third of the shirt, waves on a second third of the shirt, and a few rocks on the last third of the shirt.
4. After the shapes are drawn, they will need to go to the stamp station. Don't send more than 4-5 kids or they will just be waiting around. The stamps need to be applied first before wet dye. At this station there will be stamps of sea creatures to stamp among the waves that they drew, a logo stamp to mark both sleeves, and sets of title stamps ("Heat &", "Pressure") to put across the top of the shirt. They will be using black ink for all of these stamps.
5. After they finish stamping, they will use spray bottles filled with blue dye to give a few spritzes over top of the waves and sea creatures. This will imply the water of the ocean or river.
6. Once most kids are finished with the markers and the stamp station is full, stop everyone to explain the hand props chosen for your room to do. (The prop instructions are listed below). Once this is explained and some students start on that, you can facilitate the other 2 t-shirt stations while keeping the stamp/spray station full.
7. Another station will have red and orange dye in plastic containers and pipettes. Here the students will use those items to decorate their volcano using the drip-dye technique, forming the explosion spewing from its top. There needs to be a teacher or naturalist at this dye station for it to move smoothly and lessen the chance for messes.
8. At the last station, there will be sponges and some gray fabric paint to sponge on some texture over the rock shapes that they drew.
9. Make sure the t-shirts get done. They are the top priority.

Heat and Pressure Hand Props:

Each student will be assigned one part of the song, divided by classroom. Each classroom will have a different prop that matches their part of the song. This is for performance purposes. At times, one classroom will be divided into two different props, to ensure that all 3 are represented from each school.

Igneous Props:

1. Pass out the following to each student at their desks: a set of streamers, 2 black half pipe cleaners, and 2 half sheets of black paper. Each will use these to make 2 mini volcanoes, one for each hand.
2. They need to locate one red and one orange streamer from their set and tie them together with a small knot as close to the end as they can. They need to repeat this with the other two streamers from their set.
3. They should then tape the knot to the center of the long edge of their half black paper so that the streamers flow off the edge. They need to repeat this with the other knotted streamers and the other half black paper.
4. Then roll the black paper into a cone so that the streamers are coming out the top of the point. Then glue the paper in place. Make it a loose cone so the hand can fit inside it. Repeat this with the other black paper and streamers. The naturalist will come around and staple these cones once they are glued.

5. Students need to write their names in each cone with white crayons or colored pencils.
6. One of the black half pipe cleaners needs to be poked in and out of one side of the volcano and twisted to create a circle or ring inside the volcano. Repeat this with the other pipe cleaner and volcano. This will provide a handle for a finger to hold onto from the inside of the volcano, giving the impression that the students have volcano hands.
7. They will use these in performance when they are flaming and exploding during the first and fifth verses, as well as the chorus.

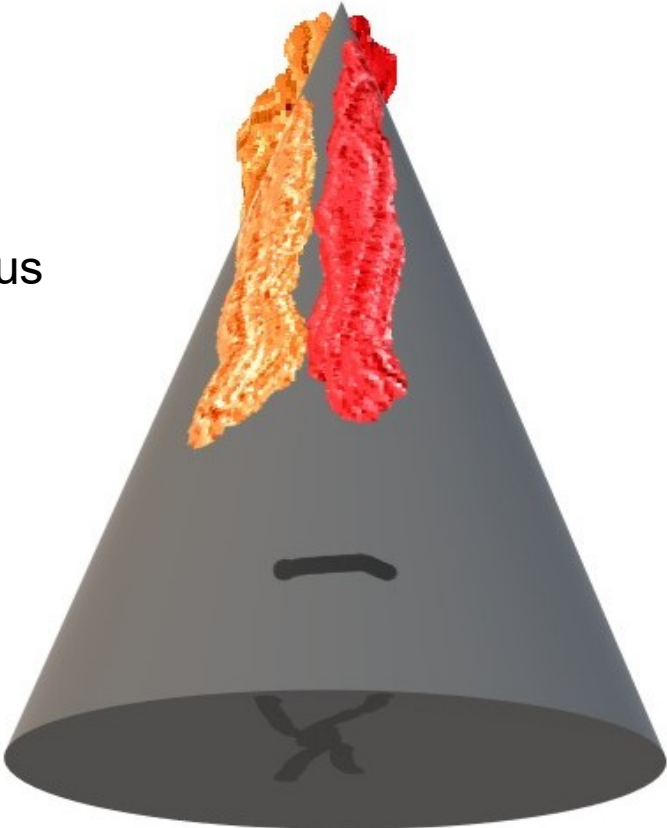
Metamorphic Props:

1. Pass out the following to each student at their desks: a small square of grey foam, one bug sticker, and half a black pipe cleaner. They will use these to make a limestone rock puppet for one of their hands.
2. Using scissors, have the students shape the foam so it looks like a rounded rock instead of a square. Make sure they put their name on the back of it with a permanent marker.
3. Then have them take the black pipe cleaner and poke it through the center of the rock in two places about a finger width apart, pull till it's snug on the front, and using the twist-tie technique, secure it around one or more fingers.
4. Next, have them stick their insect sticker on front to represent a fossil. Then have them set this puppet aside.
5. Pass out the following to each student at their desks: a square of white craft foam that is of similar size to the first grey square received, and one and a half white pipe cleaners. They will use these to make a marble rock puppet for their other hand.
6. Using scissors have them shape the gray foam to look like a rounded rock instead of a square. Make sure they add their name to the back of the rock with a permanent marker.
7. Have them take the half white pipe cleaner and poke it through the center of the rock in two places about finger width apart, pull till it's snug on the front, and using the twist-tie technique, secure it around one or more fingers.
8. Next, have them string the full-length white pipe cleaner through the first one on the front side of the rock. The pipe cleaner, now in the front of the rock, can be 'sculpted' and shaped to form the outline of a statue.
 - a. The kids can shape it however they like, but I suggest that the two loose ends of the pipe cleaner are secured to each other or to the half pipe cleaner. This way it will not slip out.
 - b. There should be a reference page of different kinds of statues to refer to.
9. They will use these in the performance when they alternate which of their rocks they show the audience, implying the change from limestone to marble, during the second and fifth verses. They will use them during the chorus too.

Sedimentary Props:

1. Pass out two pieces of construction paper to each student at their desk. Make sure that they write their name on one side of each paper.
2. Have the students decorate each paper on the side without their name with layers. Make sure they turn their papers so that they are sitting 'portrait style' on their desk in front of them. So when they glue down their layers, they are placed on the piece of construction paper going left to right.
 - a. The layers will be made from materials that will stick well with glue and NOT larger bulkier materials.
3. When they are finished, have them place it wherever their teacher wants them to sit and dry.
4. They will eventually be stapled hamburger style, forming a loop that the students' arms could be put through. Do NOT staple them this day; they must FULLY dry.
5. When the paper is stapled (top corners to bottom corners) and put on the arm, the layers should appear to be going with the arm.
6. When used in the song, the students will partner-up stacking their arms straight out, one on top of the other. All the layers should then be parallel to the ground. The layers have to be glued on solid and not stapled until fully dry since they will be used ruggedly like this. They will be used in this fashion for verse 3 and 5, as well as during the chorus.

Igneous



metamorphic

