



Sound Investigations

with Katherine Dines



You'll Need

- Your ears!
- 2 boxes (different size and shape) with 2 of the same objects placed inside. (paper clips, pennies etc.)
- 3 different household items that make a sound. (Ballpoint pen, eggbeater, cardboard box, etc.)
- 3-5 pieces of 3 different shapes. (pieces of macaroni, peas, beans, toothpicks, etc., colored paper shapes)
- 3 colored markers/pencils/crayons
- Scissors (if you plan to cut out paper shapes)
- Glue
- Plain paper/cardboard piece/scrap paper
- Step-By-Step video tutorial: www.think360arts.org



The Big Idea

Let's explore the **impact of listening** and begin investigating some characteristics that are connected to sound. We'll **create a sound pattern, notate it, add "instruments" and perform it!**

The Plan

Step 1- Use your ears. Listen. Think about sound. Shake, swirl, roll and explore the differences the two objects make in the two boxes. Create different sounds from anything! Create your own sound story. Record the process of baking cookies, working in the yard, doing dishes, etc.

Step 2 - Think about the "4 T's" - the main characteristics of sound. Try to hear them while listening to recorded sounds.

Step 3 - Investigate your 3 household items. Create one sound from each.



The Plan cont.

Step 4 - Use your voice and make 3 different sounds. Assign one sound to each one of the 3 shapes. 3 sounds and 3 shapes. "OH" = toothpick, "BOO" = bean, "ICK" = pasta.

Step 5 - Play with shapes and sounds by lining them up on the cardboard or paper, until you create a sound/shape pattern you like. READ the pattern while you sing/say it until it sounds good to you, then glue on the shapes. Use this to remember your pattern and teach it to others. (To repeat a sound, add more of that shape into your pattern).

Step 6 - Add the sounds the household objects make into the sound pattern using colored markers. Teach your sound pattern to others and have them join in the band.

Teaching Artist Tip

- Ignore ANY expectations as to HOW your sound pattern "SHOULD" sound. You can change the sound pattern because you are the composer!
- Try adding sound effects to the stories that you read.
- Don't give up - It's the long and complicated process of creating music that makes it so much fun.

Going Further

- How about adding one or more REAL musical instruments to your sound pattern?
- Try this activity using words instead of sounds.
- Learn more about Katherine by visiting www.hunktabunkta.com

Vocabulary:

- 4 T's: Tempo, Tone, Timbre, Texture.

