Different Sounds

Steps

1. Pour different amounts of water into four jars. Leave one jar empty.

2. Observe Tap the side of each jar with a pencil. Listen to the sounds.

3. Record Data Write letters to order the jars from the lowest sound to the highest sounds.

   Empty Jar _______

   Jar 1 _______

   Jar 2 _______

   Jar 3 _______

   Jar 4 _______
Think and Share

1. Use Data Which jar made the lowest sound? Which made the highest sound? How much water was in those jars?

__________________________________________________________________________

__________________________________________________________________________

2. Infer How does the amount of water affect the sound?

__________________________________________________________________________

__________________________________________________________________________

Investigate More!

Be an Inventor Hum a song. Use the jars to play the song. Add more jars and water if you need them. Then have a class concert.