

Name: _____

SSSS STANDS FOR SOUND, SURROUND, SOOTHE AND STIMULATE

Key to STEM Interest Badge



How do we use sound when we work or play?

Find six sounds in your home:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

- ☐ Make a musical instrument out of everyday materials and bring it to Brownies to share.
- ☐ Learn a campfire song and play it for your Brownie friends with your instrument.

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- ☐ Build a Brownie phone and call a friend.

Take two paper cups and poke a small hole in the bottom of each cup. Poke the end of the string through one cup and tie a knot on the part that is inside the cup so it won't go through the hole again. Make sure the string is long enough for your "phone call" and then put the other end of the string through the other cup and tie a knot in it, as well.



Stand far enough away from each other that the string is tight but not so tight that it pulls back through the bottom of the cup. One person talks loudly into her cup and the other person holds her cup to her ear.

When you talk into the cup your voice vibrates the string. The vibrations travel along the string then vibrate the bottom of the other cup and turn the vibrations back into sound.

(parent signature)