



Engineering Institutes:

Spoon and String Activity!

Materials:

- **Metal Spoon**
- **String (Thin)**

Procedure:

1. Tie the handle of the spoon at the midpoint of the string.
2. Wrap the end of the string around your index finger (pointer fingers).
3. Place your pointer fingers in your ears.
4. Let the spoon hang freely and tap it against the side of a table or a door.
5. Ask the child, what did you hear? Was it a soft sound? Hard sound?

The science behind it:

The sound behind this experiment came because the spoon vibrated, causing sound waves to travel up the string and into your ears.