

Year 4 Science activities

Choose a selection of activities from below – email in any you are really proud of – we would love to see your work.

Task 1 – Sound

1.4 **Make a string telephone**



What you'll need:

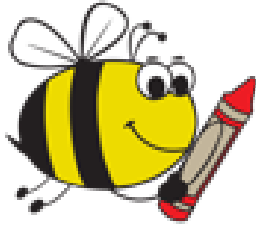
- 2 plastic cups
- Scissors
- String

1. Using the tip of the scissors, ask an adult to make a small hole in the bottom of each cup.
2. Measure 5 metres of string.
3. Thread one piece of string through each hole from the outside to the inside of each cup so that they are connected by the string.
4. Tie a big knot on the inside of each cup so that the string cannot slip through the hole.
5. Now go outside and try out your string telephone.

What can you do to improve your string telephone? Test your ideas, evaluate how well they worked.

Task 2 – word search

Changing Sound



Name: _____

Date: _____

Word search

Can you find the 20 words in the puzzle? They may be forwards or backwards, up or down or even diagonal



- | | | | | |
|----------|--------|-----------|------------|-------|
| sound | muffle | loud | soundproof | und |
| pitch | quiet | high | instrument | blow |
| loudness | soft | low | travel | strum |
| vibrate | source | vibrating | tension | pluck |