

### **Puddlebridge Class Homework Projects - Spring Term 2 2023 - Year 4**

In order to support and enrich our learning in class, each child should choose one of the activities below linked to our learning about Sound in Science.

Once completed this should be brought into school where it will be shared with the class. Children may prefer to use ideas of their own, or even wish to complete more than one of the activities below - we are very happy for the children to be as creative as they wish! Please make sure that work is completed and brought into school by Tuesday 28<sup>th</sup> March at the latest.

Create an instrument out of household objects. Explain how it makes a sound. Can you change the pitch and volume?



Make an informative poster that explains the importance of protecting our ears from loud noises.



Make a speaker out of paper cups and a kitchen roll tube. Explain how this device helps to amplify the sound.



Research sonar (sound navigation and ranging). How does it work? What is it used for? Can you find any examples of how it is used in nature?

