

PROJECT TITLE : MAKE A DIY CAN TELEPHONE

Unit	Unit 6 Go Green
Content standard	1.2 Will be able to listen and respond appropriately in formal and informal situations for a variety of purposes. 4.3 Will be able to plan, organize and produce creative works for enjoyment.
Learning standard	1.2.2 Able to listen, follow, and give instructions. 1.2.4 Able to participate in conversations with peers. 4.3.1 Able to plan, produce and display creative works based on literary texts using a variety of media with guidance.
STEAM Integration	Science - The study of sound. Technology - Build a telephone out of recycled tin cans. Engineering - Design recycled tin cans telephone. Art - Decorate the recycled tin cans. Mathematics - Measure the length of each string.
Equipment and materials	▪ Recycled tin cans (Make sure it's clean) ▪ Duct tape ▪ Hammer ▪ Nail ▪ Strings ▪ Scissors
Resources	▪ A sample video on how to build to a telephone using tin cans from the web. ▪ Website or articles related to tin can telephone.
Summary of activity	1. Students will watch videos and read detailed instructions on how to build a telephone using recycled tin cans. For example:- - https://www.youtube.com/watch?v=XPTTO4VeiWk - https://lemonlimeadventures.com/recycled-diy-can-telephones-simple-science-for-kids/ 2. Teacher will hand out questions related to recycling and pupils need to answer the questions. 3. Students will be separated into a few groups. 4. Each group need to prepare a few tin cans, duct tape, strings, and scissors. 5. Teacher needs to make a hole for each tin can using a nail and a hammer. 6. Then, they need to make a telephone out of recycled tin cans based on the instructions given earlier. 7. Pupil tests out how sound travels from point A to point B. 8. Pupil can adjust the length of the string to get different hearing experience.
Knowledge, Skills and Values	▪ Improve the student's creativity and innovative skills. ▪ Experiment with sounds. ▪ Discover how sounds travel according to the length of the strings. ▪ Listen, respond, and follow instructions appropriately.
Experience acquired by students	▪ Design and make a telephone using recycled tin cans. ▪ Use recycled items to produce innovative products.