

Year 4 Home Learning for Week Commencing 6th December 2021



Science

LO: I can investigate ways to absorb sound.

Follow the lesson presentation to learn more about how sound can be blocked.

Activity 1: Complete the true or false activity. Sort the statements into true or false based on your knowledge of sound. Write a sentence to explain why you think so in each case.

Activity 2: Your task is to investigate which material will be most effective at absorbing sound. Choose a selection of materials you think will be effective at absorbing sound. Which do you predict will be the most effective?

Take a small music player such as a radio, speaker or mobile phone. Place it inside a box, cover the box with different materials one at a time. Try to use a big selection, such as paper, plastic wrap, different kinds of cloth, etc.

Which was the most effective? Why do you think this is?

Extension Task: Think of a sound in your home that is annoying. Draw and annotate a diagram to explain how you might use your scientific knowledge to invent a soundproofing solution.

Topic

LO: To use independent research to answer my inquisitor questions. (You can also choose to research some of these questions).

How old is the oldest building in Kimbolton/ Great Staughton? Have there been any archaeological discoveries in the local area? How do people earn money in Kimbolton/ Great Staughton?

What is the total population of Kimbolton/ Great Staughton?

Have any famous inventors lived in the local area?

What species of wildlife are native to Kimbolton/ Great Staughton?

What religions do people practice in the local area?

How many people go to the Church?



Christmas Education Activities

Complete the Christmas Activity Booklet. Check your work with the answer booklet.



Religious Education

Share the story of *C*hristmas.

<u>Christmas Story Comic for all ages! -</u>

<u>WhyChristmas.com</u>

Soundproofing

Share this story for a younger audience (e.g. KS1). Create your own comic version of The Christmas Story.

PE

Complete a Joe Wicks' 30 minute workout.



Bonus activity

Complete your next task on Espresso Coding.







