



Activity 3

HOW COULD YOU SOUNDPROOF YOUR HOUSE?



You're doing an amazing job with this challenge!

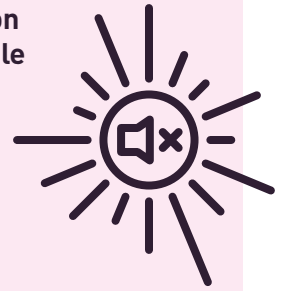
Now that we have found out how to soundproof, let's apply this to a larger scale, our homes!

Think about what you have already done and all the materials you have already used in order to complete this activity.

DID YOU KNOW?

The Big Bang, the expansion of our universe from a single point, was noiseless.

Everything in the universe expanded uniformly, so nothing came into contact with anything else meaning no sound was created.



YOUR CHALLENGE

 DON'T FORGET TO TAKE PICTURES!

1 RESEARCH

What soundproofing materials can you find in your home?



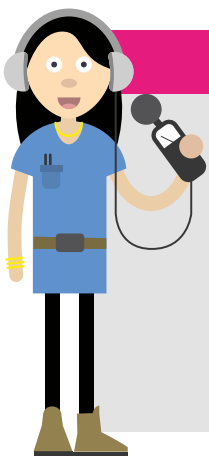
2 DESIGN

Come up with an idea for a soundproof house.



3 BUILD

Create a model of your soundproof house. What could you do to help make it even more soundproof?



CHEN'S TOP TIPS

When designing your house, remember how sound travels – through particles.

Adding in vacuums of space around different rooms could really help with stopping the sound travelling.

