

PARENT NOTES: AMPLIFICATION

GUITAR



Today, we put together all the new skills and knowledge that we've learned over this week to make an awesome guitar. Earlier in the week, we learned about sound properties like pitch, frequency and vibrations, and today we learned about amplification. We explored how the shape of musical instruments like guitars which have big spaces inside help to make sounds louder, and how we can play different notes on a guitar by having each string be differently tensioned.

ASK YOUR CHILD



What was your favourite part of this week?

What did you make today?

(A guitar)

What happens to the sound when you put something inside the guitar?

(It gets quieter and more muffled)

Can you play any songs or a superhero theme tune?

How does the guitar make a sound?

(Plucking the elastic band makes it vibrate, which vibrates the air which moves to our ears as a vibrating sound wave)

How does a guitar make sound louder?

(The space in the middle of the guitar makes sounds louder, by making the vibrations bigger as they bounce around inside the empty space through the hole. We say that the empty box acts as an 'amplifier').