

Year 4 Home Learning Challenges- Topic, Art, PE, PSHCE, RE + Science

Challenge 1: Science

Sound - Today we are looking at how sound travels -

Complete the travelling sound activity Sheet.

Travelling Sounds

Today you will be finding out about how sounds change as they travel. But how do they travel?

Can you cut and stick the pictures on the Travelling Sounds Activity Sheet to show how sounds travel?

Travelling Sounds

Sounds get quieter as the distance between the sound source and your ear increases.

Sounds travel as vibrations. As the sound waves travel the particles of whatever they are travelling through vibrate, or move quickly on the spot. The further the vibrations travel, the more they spread out. As they spread out through more and more particles, the vibrations become smaller and smaller. This causes the sound to get quieter and quieter.

Think of dropping a leaf into a pond. The very first ripples directly around the leaf will be very large, but as the ripples spread out across the pond, they will get smaller and smaller until eventually they disappear.

This is why sounds get quieter and quieter as you move further away from the source, until you eventually can't hear the sound at all.

(Note: The bottom sheet also features a diagram of an ear and a 'Book Club' logo.)

<https://tinyurl.com/y5flcsft->

Make notes as this video will go through the

Challenge 2: Art

Can you create your own Egyptian art picture? You can use whatever materials you have at home – crayon, pencil, pens, paints, paper. Draw your picture first in pencil and then add the detail to build your picture up.



Challenge 3: PE

<https://youtu.be/jSP-fWmk36A>

Watch the video above and follow the instructions for balance.

If you cannot see the video, follow these instructions. You will need gloves and socks.



Lay out your gloves and socks to make a pathway across a room.

1. Jump across using the gloves and socks like stepping stones
2. Challenge yourself by putting them further away from each other or try to hop across.
3. Finally, try moving across on your hands and feet like you were climbing.

instructions with you. Today you are going to make your own telephone. You will need plastic or paper cups and string or wool.

Follow the instructions on the sheet provided.

Challenge 5 - French

Salut!

Je m'appelle Amélie. J'ai neuf ans. J'habite à Paris avec mes parents et mon petit chat, Fifi.

Le weekend, je joue de la guitare. J'adore aller au parc et jouer au foot.

Et toi? Tu as quel âge? Tu as un animal? Tu aimes le sport?

Écris-moi bientôt.

Amitiés,

Amélie

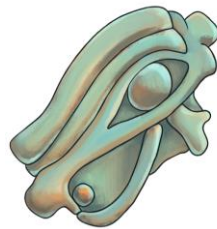
© Copyright Kapoor

Read this letter. Which words do you recognise? Try to answer these questions.

1. Who is the letter from?
2. How old is she?
3. Where does she live?
4. Who does she live with?
5. What pet does she have?
6. What two things does she like to do?

Challenge 5: Topic

LI: How did ancient Egyptians write?



What are they?

The word hieroglyphics comes from the Greek translation 'holy writing'. You can see examples of this writing on ancient Egyptian artefacts like wall carvings, pottery and the papyrus paper. The hieroglyphs are the ancient written language which uses symbols and pictures. We have found how to read the hieroglyphics to understand how the ancient Egyptians lived.

Who wrote them?

Not everyone could read and write the hieroglyphs; only a group of people called scribes would learn how to do it. The scribes would almost all be men but there is proof of female doctors who could also read them for understanding medical texts.



To become a scribe you would need to go to a special school. At school you would learn to read and write hieroglyphic and other scripts. The children would spend hours writing on sheets of papyrus and practise on pieces of rock and pottery.

Task - Can you write your name or a secret message using hieroglyphics?

Challenge 6: RE

LI: What are the links between Bible texts and the concept of 'Gospel'?

Which activities might a church leader be involved in?

- Leading worship services, visiting ill people, meeting parents of a baby being christened, arranging a special harvest service, preaching, talking to people about Jesus, helping with the community's fundraising and so on.



What qualities should a church leader have?

Make some notes about their qualities and what jobs they do.

- <http://request.org.uk/life/clergy/>
- <https://www.truetube.co.uk/film/day-life-christian-vicar>

How they are following Jesus' - fishers of people or trying to be like Jesus.

How is this good news?





- <http://request.org.uk/life/clergy/>
- <https://www.truetube.co.uk/film/day-life-christian-vicar>

Create a wanted poster for the best church leader ever.

Remember it can be a man or women.

You will need to explain

- Qualities needed,
- Activities they will be required to do,
- How they must live as Jesus wanted.

