

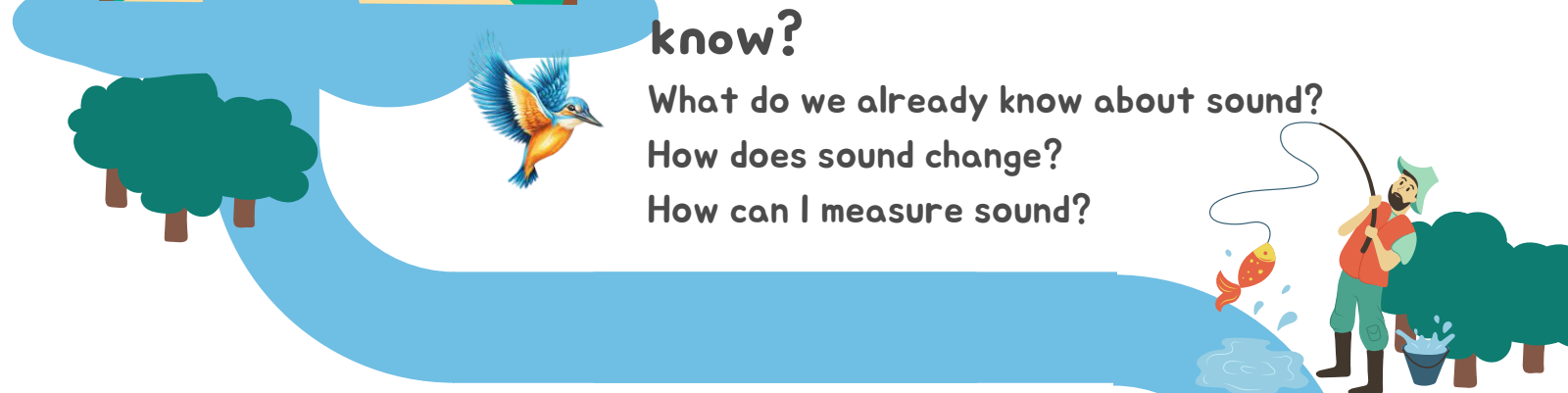
Learning Flow

Year 4 – Science – Term 5 – Sound



Roots Lesson- What do I already know?

What do we already know about sound?
How does sound change?
How can I measure sound?



Comparing different sounds

I will listen to and describe a range of sounds.
I can explain how the sounds are made.
I will compare sources of sound and explain how the sounds differ.

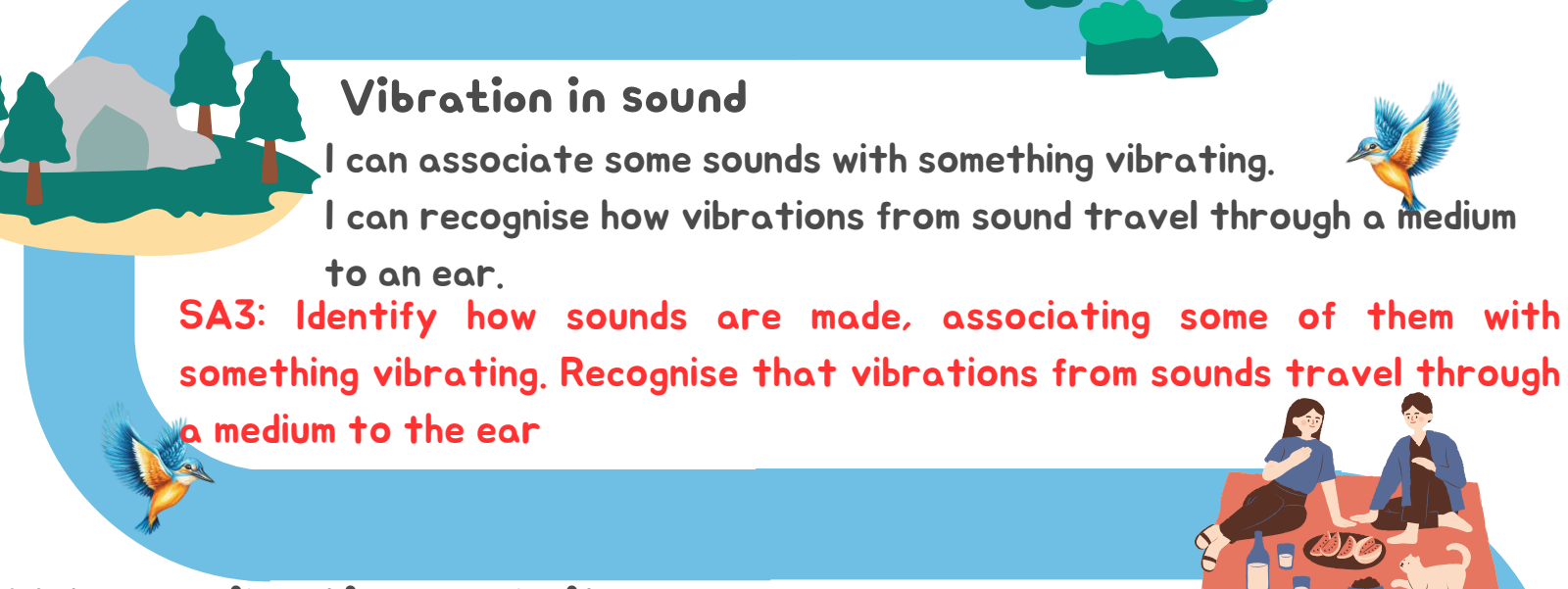
SA3: Identify how sounds are made



Vibration in sound

I can associate some sounds with something vibrating.
I can recognise how vibrations from sound travel through a medium to an ear.

SA3: Identify how sounds are made, associating some of them with something vibrating. Recognise that vibrations from sounds travel through a medium to the ear



Volume, vibrations and pitch

I will find patterns between the volume of the sound and the strength of the vibrations that produced it.

Children can explain how you could change the pitch of a sound.

SA3: Find patterns between the pitch of a sound and features of the object that produced it

Find patterns between the volume of a sound and the strength of the vibrations that produced it.



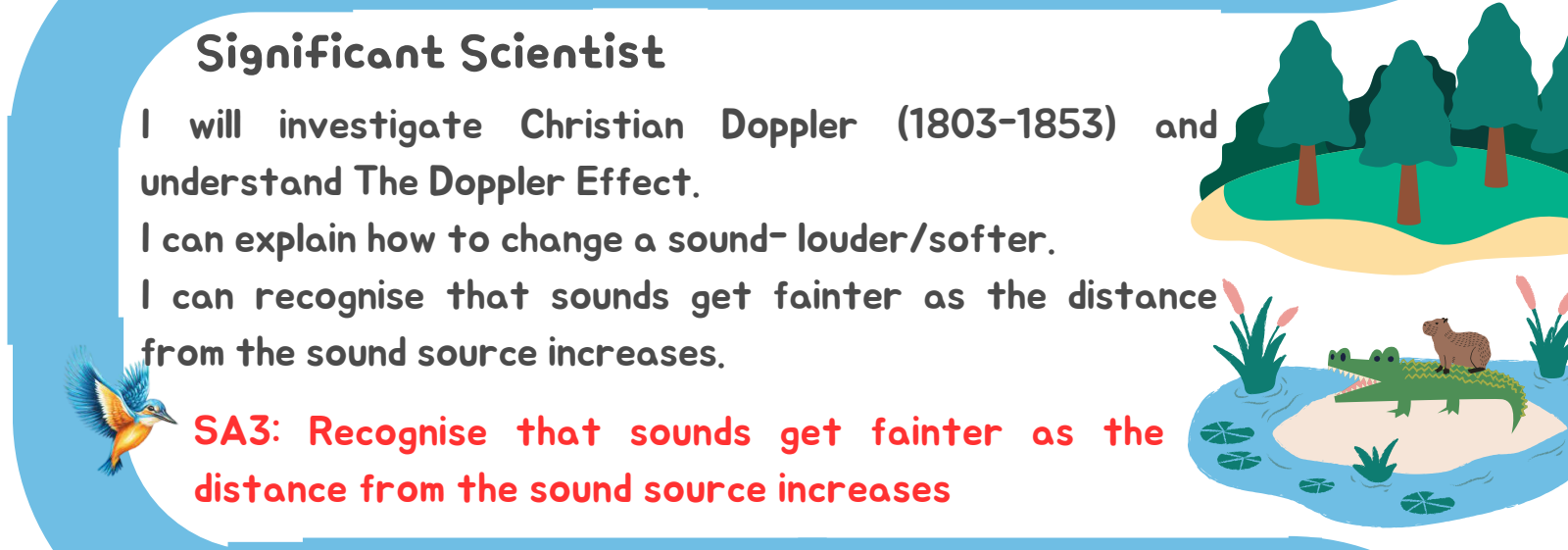
Significant Scientist

I will investigate Christian Doppler (1803-1853) and understand The Doppler Effect.

I can explain how to change a sound- louder/softer.

I can recognise that sounds get fainter as the distance from the sound source increases.

SA3: Recognise that sounds get fainter as the distance from the sound source increases



What do we know now?

- Knowledge demonstration - Make it!
- Present sounds and explain how hearing works to others.
- Quiz

