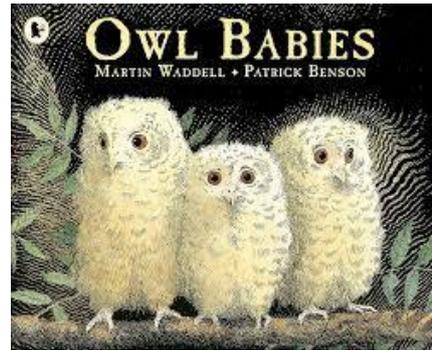


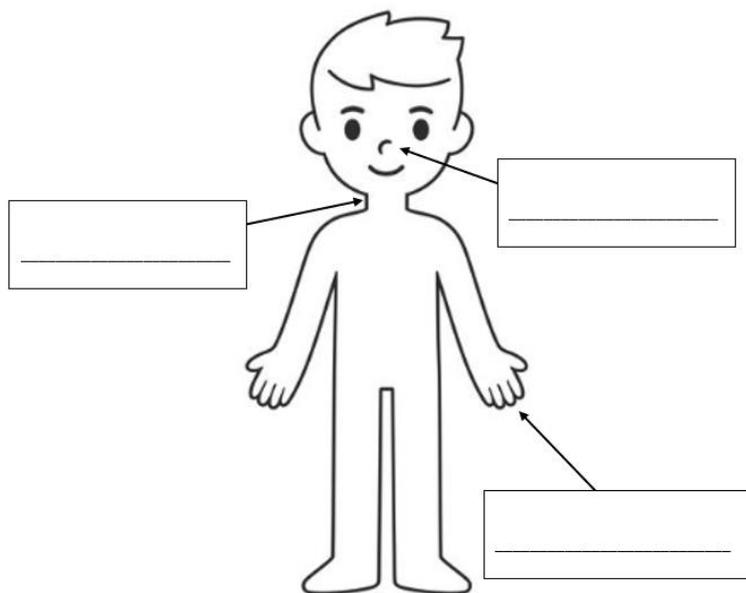
Progression in Science at WHPS

Depending on the year group you visit, science might look very different at WHPS. As your child goes through school, the way they learn science changes and the challenges get higher.

For our youngest children in the nursery and reception, science is learnt through play, stories and songs. They observe, ask questions and learn new words, developing their knowledge and understanding of the world. Recently they have learnt about the seasons.



In year 1, they have been learning about themselves, their senses and their bodies. This has been part of their integrated day activities.



In Year 2, science lessons become more formal. This term the science topic was **Animals Including humans**. One of the questions they investigated was whether older people had larger feet.

Let's collect some class data: Is Mr T correct?

Youngest child	Middle child	Oldest child
75 months	80 months	84 months
16 cm	17.5 cm	19 cm

Observation: Do we notice anything?



I notice that...

I can see that...



Star words

Predict

Investigate

Fair test

Results

Observation

Conclusion



In year 3, they have been learning about muscles and bones. They even made models of muscles using cardboard tubes and balloons.

Year 4 have been building electrical circuits and learning about the materials which conduct electricity and materials which are insulators (don't conduct electricity.)



tin foil



fabric



spoon



pen



chopstick



lolly stick

Which do you predict will **conduct** / **insulate** electricity?

Year 5 are investigating the properties of materials and recently made super saturated salt and sugar solutions. They then left the solutions and found that the water evaporated, leaving salt and sugar crystals behind.



Year 6 have been building circuits using kits lent to us by the Crick Institute. They have also been learning about Alessandro Volta, the inventor of the first battery.



As you can see, we try to make sure that, as children move through the school:

- The learning suits their stage of development
- Their knowledge becomes wider and deeper, by revisiting ideas at a higher level.
- Their science skills are developed
- Their science vocabulary is built up

But most importantly, their science lessons are exciting and fun.

Why not ask your child about their science learning?

