



# Transition to Charlton School



## Year 6 Transition pack

### Subject: Science

Science is all about understanding how the world around us works. Investigative Science at Charlton will help you build your scientific knowledge and practical skills by carrying out a series of investigations.

### **Transition activities**

**Write an Animal fact file:** Create a fact file on your favourite animal, include information such as where it lives, what it eats and why it is your favourite.

**Paper aeroplanes:** Make different types of paper aeroplanes and see which travels the furthest or fastest. Think about how you are going to measure this and how you could improve your design. See <https://www.foldnfly.com/#/1-1-1-1-1-1-1-1-2> for loads of different ideas.

**Sort it out:** Mix up half a teaspoon of salt and half a teaspoon of pepper in a bowl – now can you separate the two to make a pile of just salt and just pepper? If you manage to do it can you write out or draw a method (like a recipe) so that someone else could do the same?

### **Reading lists**

Find out some fascinating facts about the human body here:

<https://www.sciencekids.co.nz/sciencefacts/humanbody.html>

For an interactive read covering a huge range of science topics try:

<https://www.dkfindout.com/uk/science/>

Or read about science in the news: <https://www.dogonews.com/category/science>

### **Useful websites**

<https://www.natgeokids.com/uk/category/discover/science/> has lots of links to interesting articles.

Why not explore the whole solar system at <https://www.solarsystemscope.com/>

Find out why space travel is important and how we do it at: <https://www.nasa.gov/>

### Films/documentaries/podcasts to try

**Funkids Podcasts:** Weekly science podcasts here: <https://www.funkidslive.com/podcast/the-fun-kids-science-weekly/>

**Netflix:** The Mars Generation, 72 Cutest animals, Absurd Planet, The Universe.

**BBC iPlayer:** Deadly 60, Do try this at home!, Seven worlds-one planet.

### Career links with this subject

Science offers a huge range of exciting career opportunities from becoming an astronaut to being zoologist. Take a look here at some more examples: <https://www.sciencea-z.com/main/resourcetype/type/career-files>