

# The Duke of Norfolk CE Primary School

## Long Term Overview of Units - Science

		Foundation	Phase 1		Phase 2		Phase 3	
		EYFS	1	2	3	4	5	6
Humans and other living things (Biology)	1 Humans	1a. Can you talk about your body?	1b. What are the main parts of the body and how can we look after it?		1c. Why do humans and other animals have muscles and skeletons?	1d. What foods do humans need to eat to get the right amount of nutrition?	1e. What happens to our bodies as we get older?	1f. How important is our heart and circulatory system?
	2 Other living creatures	2a. What animals do you know and where do they live?	2b. How can living creatures be classified?	2c. Where do different animals live and what do they need to survive?	2d. Can you use keys to classify living things and explore their environmental needs?		2e. Can you classify living things into groups according to observable characteristics?	
	3 Plants	3a. Can you look closely at plants and talk about them?	3b. What do plants need to live and grow?		3c. Can you explain the function of different parts of a plant?		3d. How do plants reproduce?	3e. Can you classify plants and explain your reasoning?
	4 Evolution							4a. How do living things evolve and change over generations?
Chemistry	5 Materials and their properties	5a. Can you talk about what things are made of?	5b. Can you name and describe a variety of materials?		5c. Can you categorise and describe different rocks and soils?		5d. How can you compare materials based on their properties?	
	6 Chemical and physical changes	6a. How do materials change shape and form?				6b. How do you categorise materials according to their state of matter?	6c. How do some materials change state?	
Physics	7 Seasonal Changes	7a. What is it like outside in spring, summer, autumn, and winter?	7b. Can you explain the changes between the four seasons?					
	8 Forces – how things move	8a. Can you explore how things move through play?	8b. What makes objects move or change speed, or change direction?		8c. Can you explain how a variety of forces affect how an object moves?		8d. How do different forces affect our everyday lives?	
	9 Light	9a. Can you talk about day and night?			9b. Can you explain the meaning of the words dark, light, reflection, and shadow?		9c. How do humans see?	
	10 Electricity	10a. What things need to be plugged in and what needs batteries?			10b. Can you construct a working electrical circuit using different components and explain how it works?		10c. Can you draw a circuit diagram and give reasons for how different components affect a circuit?	
	11 Sound	11a. Can you use instruments to make different sounds?			11b. How are different sounds made and how do we hear sound?			
	12 Earth and Space	12a. What is our planet called and where do astronauts sometimes visit?					12b. How does the Earth move in relation to our moon, other planets, and the Sun?	

