



St. Francis Xavier's RC Primary School

Science Unit Guidance and Formative Assessment

Year Group:	6 Spring	Subject:	Science
Unit:	Evolution and Inheritance	Prerequisite Learning and Curriculum Links	<p>EYFS ELG The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants; know some similarities and differences between the natural world around them and contrasting environments; understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>Year 1 Seasonal Change</p> <p>Year 2 Plants</p> <p>Year 3 Plants</p> <p>Year 4 Living Things and their Habitats</p> <p>Year 5 Living Things and Habitats</p> <p>Curriculum Links in Year 6</p> <p>Literacy Writing a biography of Charles Darwin</p> <p>Writing an explanation text about the evolution of the Peppered Moth.</p>

ROCKS (Remembering Our Curriculum Knowledge and Skills)	
To recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.	
To recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.	
To understand the work of Charles Darwin and his theories of Natural Selection and Evolution.	
To identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.	
Progressive Journey:	Skills:
Being by modelling the process of evolution by natural selection by playing a game. Learn about the life and work of the palaeontologist Mary Anning. Understand how fossils are formed and that living things have changed over time. Learn about the life achievements and legacy of Charles Darwin. Understand the theory of natural selection evolution and inheritance. Understand how natural selection can lead to adaptation that in turn leads to evolution.	Drawing conclusions from a scientific game. Write an interview text using empathy with a famous scientist from the past. Interpret a diagram showing a cross section of a rock. Present a biography of Charles Darwin. Explanations of scientific theories including evolution and inheritance using a variety of examples e.g. the peppered moth.
Key Vocabulary adaptation environment evolve evolution offspring inheritance natural selection	