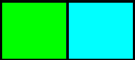
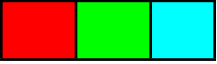


Science Long Term Plan Cycle A

Year Groups	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer 1	Summer 2
	Care of our Environment	Culture and Diversity	Creativity and Innovation	Economy and Power		
EYFS - Pre School	Please see separate EYFS Pre School curriculum information					
EYFS - Reception	Please see separate EYFS Reception curriculum information					
Year 1 and 2	Chemistry Why do we use different materials for different things? 	Biology How can we group animals? 	Physics How does the weather change in different seasons? 	Biology How do we use our senses? 	Biology How can we identify different plants and trees and how do seeds work? 	Making Connections Investigating Science through Stories Scientists and Inventors Y1 
Year 3 and 4	Chemistry How can we classify rocks and how is soil formed? 	Biology How can we classify animals and changing habitats? 	Chemistry What are states of matter? 	Making Connections Does Hand span affect grip strength? Scientists and Inventors Yr4 	Biology How does a body use skeleton, muscles and energy with a balanced diet support this? 	Biology How does each part of the plant fulfill its function and help with reproduction? 

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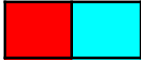
Year 5 and 6	Biology Living Things: Life Cycles and Reproduction How do different living things reproduce?	Physics Forces and Space: Earth and Space How does the Earth fit into our Solar System?	Chemistry Materials: Mixtures and Separation How do we separate materials?	Chemistry Materials: Properties and Changes How can we change the properties of materials?	Biology Living Things: Evolution and Inheritance How have living things evolved over time and what is inheritance?	Making Connections Does the size of an asteroid affect the diameter of its impact crater? Scientists and Inventors Y5
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Science Long Term Plan Cycle B

Year Groups	Autumn Term 1	Autumn Term 2	Spring Term 1	SpringTerm 2	Summer 1	Summer 2
Care of our Environment		Culture and Diversity		Creativity and Innovation		Economy and Power
EYFS - Pre School	Please see separate EYFS Pre School curriculum information					
EYFS - Reception	Please see separate EYFS Reception curriculum information					
Year 1 and 2	Chemistry How are materials chosen in design? 	Making Connections How can we use plant based materials to help the environment? Scientists and Inventors Y2 	Biology What are habitats and how do living things rely on each other? 	Biology What are the life cycles of different animals? 	Biology What are microhabitats? 	Biology How do plants grow and how can we find out? 
Year 3 and 4	Physics How do forces and magnets work? 	Biology How do the systems in our body make a healthy human (digestion)? 	Physics How does reflection and shadows work? 	Physics How does sound travel? 	Physics How does electricity travel? 	Making Connections How does the flow of liquids compare? Kapow Yr4 Scientists and Inventors Y4 

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Year 5 and 6	Physics Energy: Light and Reflection How can we investigate light and reflection? 	Biology Animals: Circulation and Health How do animals living systems work together to make a healthy Body? 	Physics Forces and Space: Unbalanced Forces How can we balance forces? 	Biology Living Things: Classifying Big and Small How can we classify living things into different groups? 	Physics Energy: Circuits, Batteries and Switches How can circuits vary? 	Biology Animals: Human Timeline What are the key stages of human development? Scientists and Inventors Y6 
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