

Springfield Primary Academy

Inspiring Futures: Making Memories
Learning Creatively with:
High Expectations. Integrity. Respect. Resilience. Determination.



Year 1 Science Curriculum Map

Autumn		Spring	Summer
L.O to understand the Earth's movement in space • Observe changes across the four seasons. • Observe and describe weather associated with the seasons and how day length varies.(This should be done in a separate large class book.)			
L.O. to understand animals and humans • identify and name a variety of common animals that are bird, fish, amphibians, reptiles, mammals and invertebrates • identify and name a variety of common animals that are carnivores, herbivores and omnivores • describe and compare the structure of a variety of common animals (birds, fish, amphibians, reptiles, mammals and invertebrates, including pets) • identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense. L.O. to work scientifically • Ask simple questions .• Identify and classify.		L.O. to investigate materials • identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock describe the simple physical properties of a variety of everyday materials • compare and group together a variety of everyday materials on the basis of their simple physical properties L.O. to work scientifically • Ask simple questions .• Use observations and ideas to suggest answers to questions. • Gather and record data to help in answering questions.	L.O. to understand plants • identify and describe the basic structure of a variety of common flowering plants, including roots, stem/trunk, leaves and flowers • observe and describe how seeds and bulbs grow into mature plants L.O. to work scientifically • Ask simple questions. • Observe closely, using simple equipment. • Use observations and ideas to suggest answers to questions. • Gather and record data to help in answering questions.
Depth and Challenge	Invent your own animal and place it in a habitat. Argue why this animal is suitable of this habitat.	Determine why certain materials are used for specific objects.	Invent a plant, and design it making sure it has what it needs to survive. Choose a name for your plant. Decide where it would be found.
British Values and SMSC	Spiritual: children enjoy learning about oneself, others and the surrounding world.	Moral: offer reasoned views. Spiritual: enjoy learning about oneself, others and the surrounding world.	Social: Explore beliefs and experience, feelings and values; enjoy learning about oneself, others and the surrounding world; use imagination and creativity; reflect.

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