

Linking Science Topics with National Curriculum Content- Year 1

Term	Topic	National Curriculum Knowledge Content	National Curriculum Working Scientifically Skills
Autumn 1	Humans-Bodies and Senses	Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	Observing closely, using simple equipment Performing simple tests Identifying and classifying
Autumn 2	Light	Recognise and name different light sources. Investigate how shadows are formed. 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.	Observing closely, using simple equipment Performing simple tests Identifying and classifying
Spring 1	Materials	Distinguish between an object and the material from which it is made 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.	Asking simple questions and recognising that they can be answered in different ways Observing closely, using simple equipment Performing simple tests Identifying and classifying Using their observations and ideas to suggest answers to questions Gathering and recording data to help in answering questions.
Spring 2	Types of animal	Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals 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 (fish, amphibians, reptiles, birds and mammals, including pets)	Observing closely, using simple equipment Identifying and classifying Gathering and recording data to help in answering questions.
Summer 1	Plants	Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees Identify and describe the basic structure of a variety of common flowering plants, including trees.	Observing closely, using simple equipment Identifying and classifying Gathering and recording data to help in answering questions.
Summer 2	Forces	Recognise pushes, pulls and twists. Describe the effect of pushes, pulls and twists on objects and materials	Asking simple questions and recognising that they can be answered in different ways Observing closely, using simple equipment Performing simple tests Identifying and classifying Using their observations and ideas to suggest answers to questions Gathering and recording data to help in answering questions.
All year	Seasonal Change	Observe changes across the four seasons Observe and describe weather associated with the seasons and how day length varies.	Asking simple questions and recognising that they can be answered in different ways Observing closely, using simple equipment Using their observations and ideas to suggest answers to questions Gathering and recording data to help in answering questions.