



Y1 Science

Working Scientifically (WS)	Plants (P)	Animals inc Humans (AH)	Everyday Materials (EM)	Seasonal Changes (SC)
WS 1 - I can ask simple questions and recognise that they can be answered in different ways	P 1 - I can identify and name a variety of common wild and garden plants, including deciduous and evergreen. •	AH 1 I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. herbivores and omnivores	EM 1 I can distinguish between an object and the material from which it is made	SC 1 I can observe changes across the four seasons.
WS 2 - I can use scientific language and read and spell age-appropriate scientific vocabulary	P 2 - I can identify and describe the basic structure of a variety of common flowering plants, including trees.	AH 2 I can identify and name a variety of common animals that are carnivores, herbivores and omnivores	EM 2 I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.	SC 2 I can observe and describe weather associated with the seasons and how day length varies
WS 3 - I can begin to notice patterns and relationships		AH 3 I can describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).	EM 3 I can describe the simple physical properties of a variety of everyday materials.	
		AH 4 I can identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	EM 4 I can compare and group together a variety of everyday materials on the basis of their simple physical properties.	



Autumn 1 Swings Slides and Roundabouts	Autumn 2 Toy Story	Spring 1 Jurassic Park	Spring 2 Castles	Summer 1 Treasure Island	Summer 2 Under the Sea
WS 1 WS 2 WS 3 EM 2 EM 3 EM 4	WS 1 WS 2 WS 3 SC 1 SC 2	WS 1 WS 2 WS 3 AH 1 AH 2 AH 3 AH 4	WS 1 WS 2 WS 3 SC 1 SC 2	WS 1 WS 2 WS 3 EM 1 EM 3 EM 4	WS 1 WS 2 WS 3 P 1 P 2

Vocabulary	Vocabulary	Vocabulary	Vocabulary	Vocabulary	Vocabulary
<u>Everyday Materials</u> Material, wood, plastic, glass, paper, fabric, metal, rock, transparent, translucent, opaque, hard, soft, smooth, shiny, rough, bendy (flexible)	<u>Seasonal Changes</u> Summer, Spring, Autumn, Winter, season, sun, day, moon, night, light, dark, rain, wind, snow, frost, sleet, fog, cloud(y)	<u>Animals Including Humans</u> Fish, reptiles, mammals, birds, amphibians (+ examples of each), herbivore, carnivore, omnivore, head, ear, eye, mouth, nose, leg, knee, arm, elbow, back, neck, face, teeth, hair, wings, beak	<u>Seasonal Changes</u> Summer, Spring, Autumn, Winter, season, sun, day, moon, night, light, dark, rain, wind, snow, frost, sleet, fog, cloud(y)	<u>Everyday Materials</u> Material, wood, plastic, glass, paper, fabric, metal, rock, transparent, translucent, opaque, hard, soft, smooth, shiny, rough, bendy (flexible)	<u>Plants</u> Trees, evergreen, deciduous, branches, trunk, leaves, flowers (blossom), petals, fruit, roots, bulb, seed, stem

Working Scientifically

Investigation, question, investigation cycle, predict, method, answer, results, record, diagram, chart, compare, contrast, describe, observe, equipment, identify, classify, sort, group



I will know....	I will know	I will know....	I will know....	I will know....	I will know....
<ul style="list-style-type: none"> ○ the names of different everyday materials (such as brick, paper, fabric) ○ how to describe different materials ○ how to find different ways of grouping materials (such as rough/soft, translucent/transparent/opaque) 	<ul style="list-style-type: none"> ○ that there are four seasons (Spring, Summer, Autumn, Winter) ○ how the seasons change during the year ○ that there are different weather types and will be able to name these (such as rain, sun, wind, fog) ○ how the day changes in length throughout the year (longer in Summer and shorter in Winter) 	<ul style="list-style-type: none"> ○ how to name different common animals ○ that animals come from a main group - amphibians, fish, reptiles, birds and mammals. ○ what herbivores, carnivores and omnivores are and will be able to name some of these. ○ the names of common animal body parts (such as wing or beak) ○ the names of human body parts (such as eye, leg, fingers) ○ that there are 5 different senses and how we use these 	<ul style="list-style-type: none"> ○ that there are four seasons ○ how the seasons change during the year ○ that there are different weather types and will be able to name these (such as rain, sun, wind, fog) ○ how the day changes in length throughout the year (longer in Summer and shorter in Winter) 	<ul style="list-style-type: none"> ○ the difference between an object and what it is made from (such as a window is an object made from glass or plastic) ○ how to describe different materials (such as wood which is opaque and rough) ○ how to find different ways of grouping materials 	<ul style="list-style-type: none"> ○ that trees can be either deciduous (Autumn its leaves change colour and fall off) or evergreen (keep its leaves all year round) and explain what this means ○ the name of common wild and garden plants ○ the names of the different parts of a plant or tree (such as stem, petal, root)

Working Scientifically

- how to ask questions
 - that there are different ways to find answers to questions
 - a range of topic vocabulary and will read and spell these accurately
- how to spot patterns and how things happen