



Thornhill Primary School

Long Term Planning

Science

YEAR GROUP	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Seasonal Changes – to be revisited regularly throughout the year					
	Humans – the body and senses	Animals	Everyday materials		Plants	
Rising Stars Units	AS APPROPRIATE – IS BASED ON A MORE TOPIC-BASED APPROACH					
Snap Science Units	USING OUR SENSES	LOOKING AT ANIMALS	EVERYDAY MATERIALS		PLANT DETECTIVES	
Scientists to link to			Charles Macintosh		Beatrix Potter	

YEAR GROUP	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	Habitats will also be looked at regularly throughout the year so that children see how habitats differ with seasonal changes					
	Animals, including humans (growing up (briefly,) basic survival needs, keeping healthy – exercise, food, hygiene)	Uses of everyday materials		Living things and their habitats Plants – begin planting	Plants	
Rising Stars Units	HEALTHY ME	MATERIALS MONSTER AND SQUASH, BEND, TWIST AND STRETCH		OUR LOCAL ENVIRONMENT	YOUNG GARDENERS	
Snap Science Units	TAKING CARE (/GROWING UP)	GOOD CHOICES/SHAPING UP		WHAT'S IN YOUR HABITAT? THE APPRENTICE GARDNER	THE APPRENTICE GARDNER	
Scientists to look at		John McAdam				

YEAR GROUP	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	Rocks	Light	Forces and Magnets	Animals, including humans	Plants	
Rising Stars Units	ROCKS, SOILS AND FOSSILS	LIGHT AND SHADOWS	FORCES AND MAGNETS	FOOD AND OUR BODIES	HOW DOES YOUR GARDEN GROW?	
Snap Science Units	ROCK DETECTIVES	CAN YOU SEE ME?	THE POWER OF FORCES	AMAZING BODIES (NOT WHOLE UNIT)	HOW DOES YOUR GARDEN GROW?	
Scientists to look at	Mary Anning					

YEAR GROUP	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 4	States of matter	Sound	Electricity	Teeth and the digestive system	Living things and their habitats	
Rising Stars Units	LOOKING AT STATES	WHAT'S THAT SOUND	POWER IT UP	TEETH AND EATING	LIVING THINGS	
Snap Science Units	IN A STATE	GOOD VIBRATIONS	SWITCHED ON	WHERE DOES ALL THAT FOOD GO?	WHO AM I? HUMAN IMPACT	
Scientists to look at			Michael Faraday		Jane Goodall	

YEAR GROUP	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	Living things and their habitats	Properties and changes of materials		Animals, including humans	Earth and space	Forces
Rising Stars Units	CIRCLE OF LIFE	MATERIAL WORLD AND AMAZING CHANGES		GROWING UP AND GROWING OLD CIRCLE OF LIFE	OUT OF THIS WORLD	LET'S GET MOVING
Snap Science Units	REPRODUCTION IN PLANTS AND ANIMALS CIRCLE OF LIFE	GET SORTED EVERYDAY MATERIALS MARVELLOUS MIXTURES ALL CHANGE		REPRODUCTION IN PLANTS AND ANIMALS CIRCLE OF LIFE	THE EARTH AND BEYOND	FEEL THE FORCE
Scientists to look at	Jane Goodall/ David Attenborough	Spencer Silver and Arthur Fry				Galileo Galilei

- Puberty talk is in Spring 2 so topics have been arranged to coincide with this. Objectives from the units in Snap and Rising Stars to be split accordingly.

YEAR GROUP	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 6	Living things and their habitats	Evolution and Inheritance	Light	Animals, including humans	Electricity	
Rising Stars Units	CLASSIFYING LIVING THINGS	EVOLUTION AND INHERITANCE	LIGHT	HEALTHY BODIES	ELECTRICITY	
Snap Science Units	THE NATURE LIBRARY	EVERYTHING CHANGES	LIGHT UP YOUR WORLD	BODY PUMP BODY HEALTH	DANGER! LOW VOLTAGE	
Scientists to look at		Charles Darwin		Santorio Santorio		

RISING STAR UNITS SUGGESTED ARE IN YELLOW HIGHLIGHT - please make sure that the objective/content for the lesson matches the National Curriculum exactly as there is some irrelevant/extra content in each unit

SNAP SCIENCE UNITS SUGGESTED ARE IN RED – please make sure that the objective/content for the lesson matches the National Curriculum exactly as there is a lot of irrelevant/extra content in each unit

NEITHER OF THESE PUBLISHED SCHEMES ARE INTENDED TO BE USED AS A 'MAIN' SCHEME. BOTH HAVE A LOT OF IRRELEVANT CONTENT THAT WE ARE NOT REQUIRED BY THE NATIONAL CURRICULUM TO TEACH. THE SCHEMES ARE TO USE TO SUPPORT PLANNING AS NEEDED TO FIT THE NEEDS OF YOUR CLASS