
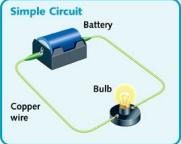
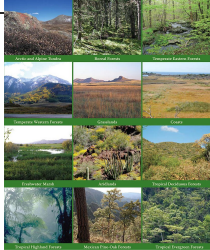
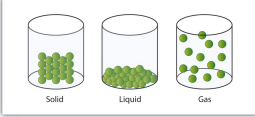


At St. Bede's Catholic Infant School we follow the National Curriculum statutory requirements for the teaching of science across Key Stage 1 (years 1 and 2). The NC non-statutory guidance provides us with the freedom to offer our children more challenge and opportunities to further their scientific knowledge and understanding alongside working scientifically using elements of the Key Stage 2 programmes of study. Our schemes of work are delivered in a two year cycle to accommodate both year 1 and 2 classes and any vertically grouped classes. A breakdown of both cycles and the Key Stage 1 Working Scientifically expectations follow.

We enhance the requirements by using mini topics based on topics that were once part of our syllabus but have now been moved to Key Stage 2 (e.g. light and dark, electricity and forces). As these are not statutory they may change and be dependent on topics that are being covered.

There are also some vocabulary lists linked to each of the topics. These lists are not exhaustive but demonstrate some of the expected vocabulary required to be used, understood and written correctly by children across Key Stage 1.

For more information visit the website—www.gov.uk/government/collections/national-curriculum

	<p>Science at St.Bede's Catholic Infant School—Key Stage 1 (Y1 and Y2)</p> <p>Cycle A overview</p>	
<p>Autumn Term</p>	<p>Everyday materials and their uses</p>	
	<p>Mini Topic—Electricity</p>	
<p>Spring Term</p>	<p>Living Things and Their Habitats</p>	
<p>Summer Term</p>	<p>Changing Materials</p>	

Science at St.Bede's Catholic Infant School—Key Stage 1 (Y1 and Y2)

Cycle A Vocabulary List—This list is not exhaustive. Please help your child to read, understand and begin to spell the vocabulary below.-

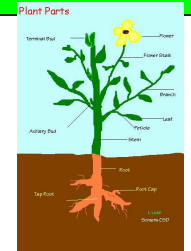
Everyday materials and their uses		Living things and their habitats		Changing materials	
					
Object	Hard	Living/Dead	Amphibians	Push/pushing	Heated/heating
Material	Soft	Never been alive	Micro-habitat e.g	Pull/pulling	Cooled/cooling
Wood	Stretchy	Move	under log, on a	Squash/squashing	Temperature
Plastic	Stiff	Grow	stony path, under	Twist/twisting	Melting
Glass	Bendy/floppy	Feed	bushes	Bend/bending	Boiling
Metal	Waterproof	Have offspring/babies/	Damp/wet/dry	Stretch/stretching	Freeze
Water	Absorbent	young	Hot/warm/cool/cold	Roll/rolling	Solidify
Brick	Breaks/tears	Reproduce	Light/dark	Squeeze/squeezing	Viscous
Paper	Rough/smooth	Expire	Suitable/suited	States of matter	Condensation
Fabrics	Shiny /Dull	Excrete	Adapt	Solid	
Elastic	Magnetic/non –	Defecate	Depend	Liquid	
Foil	magnetic	Breathe	Predator/prey	Gas	
Card/cardboard	Suitable/unsuitable	Respire	Herbivore/omnivore	Air	
Rubber	Transparent	Name of local habitats	Carnivore	Oxygen	
Wool	Opaque	e.g. pond/wood/	Food	Carbon dioxide	
Clay	Translucent	meadow	Food chain	Powder/grains	
Property/properties	Changed	Desert	Shelter	Change state	
Strong/weak	Reflective/non-	Ocean/sea	Needs	Ice/water/steam	
Flexible	reflective	Animals e.g. mammals,	Comparative e.g.	Water vapour	
		reptiles, birds, fish	hotter		

Science at St.Bede's Catholic Infant School—Key Stage 1 (Y1 and Y2)

Cycle B overview

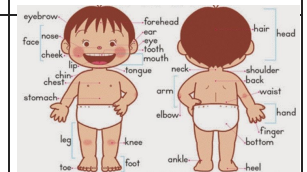
Autumn Term

Plants



Spring Term

Animals including Humans

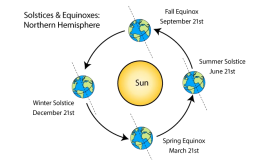


Summer Term

Mini Topic—Light and Dark

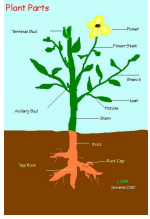



Seasonal changes



Science at St.Bede's Catholic Infant School—Key Stage 1 (Y1 and Y2)

Cycle B Vocabulary List—This list is not exhaustive. Please help your child to read, understand and begin

Plants 	Animals, including humans 	Seasonal Change (also discussion and observation of seasons ongoing throughout the year)			
Names of locally found—wild plants, garden plants, flowering plants Locally found trees - evergreen/deciduous Leaf/leaves Flower/blossom Petal Fruit/berry Root Bulb Seed Trunk Branch Stem Bark Vegetable Stalk Damp/wet/dry	Names of flowers / vegetables grown Water/light/air Dark/light Hot/warm/cool/cold Comparatives e.g. hotter Grow/growth Healthy Shoot/seedling Wither/limp/die Germinate Soil/earth Role/function Nutrients Fertiliser Transported Life cycle Pollination Seed dispersal	Names of common animals e.g. dog, lion, horse , parrot, shark Human Wild animals/pets Eat other animals—carnivores Eat plants—herbivores Eat plants and animals—omnivores External body parts e.g. arm, leg, eye, knee, toe, ankle, mouth, fingers etc. Internal body parts e.g. brain, heart, lungs, Stomach Senses See/seeing Hear/hearing Touch/touching	Smell/smelling Taste/tasting Rough/smooth Identify/classify Amphibians Mammals Birds Reptiles Fish Feathers, scales, skin,hair Baby/toddler/child/ teenager/adult Change/grow Basic needs Food, water, air/ breathing Food types e.g. fat, dairy, vegetables etc Hygiene –clean, healthy Drugs/medicine	Season Spring Summer Autumn Winter Weather Warm/hot Cool/cold Sun/sunny Cloud/cloudy Hail/hailing Snow/snowing Sleet Frost Thunder/lightning Storm Light/dark Day/night	Sun Earth Moon Orbit Angle Turning Rotate Source of light Reflects

