

• Year 1: Seasons and weather

	Science					
National Curricu	lum (Knowledge and Skills	s): Pupils should be	taught to:			
 National Curriculum (Knowledge and Skills): Pupils should be Year 1 observe changes across the four seasons observe and describe weather associated with the seasons and how day length varies observe closely, using simple equipment perform simple tests gather and record data to help in answering questions use their observations and ideas to suggest answers to questions 			 e taught to: Year 2 observe closely, using simple equipment perform simple tests use their observations and ideas to suggest answers to questions 			
Year 1 and 2 inve Prior Learning Forever Firs child already be able to Children relation things. T	on: Weather investigation: stigation: Fizzy bottle rock ren working at ARE in Yea	ets <u>https://www.rig</u> ar 1 should nd differences in Is and living s of their own	b.org/docs/fizzybott Forever Firs childre already be able to:	erockets infosheet v		
observat	ry from one another. They cions of animals and plants ings occur, and talk about (/)	and explain why changes. (ELG				
	Tier 1		ocabulary Tier 2 Tier 3			
Year 1 Hot Cold Weather Sun Rain Night Day Snow Wind Cloud rocket	Year 2 Rocket	Year 1 Observe change season sunrise sunset question answer observe gather record predict test experiment fuel rocket gas propel	Year 2 Question Answer Observe Test Experiment Fuel Rocket Gas Propel Predict	Year 1 Autumn Spring Summer Winter Chemical reaction	Year 2 Chemical reaction	

Science Assessment					
Children working below ARE	Children working towards ARE	Children working at ARE	Children working above ARE		
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		Geogr	aphy		
 name and loca use world ma and oceans st identify seaso relation to the 	n: Pupils should be taught ate the world's seven cont ps, atlases and globes to id udied at this key stage nal and daily weather patt e Equator and the North a	about: tinents and five oc dentify the United terns in the United	eans Kingdom and its cour		
• What does	y: the Earth look like from s	space? Using globe	es and atlases to mee	t the objectives above	2.
Age Related Subject	t Skills (Progression Guida	ance):			
Year 1			Year 2		
• Use relative like, dislike	le picture map to move ar e vocabulary such as bigg onal <mark>language su</mark> ch <mark>as n</mark> ec	er, smaller,	• Use simple West)	ute on a map compass directions (N photographs and plan	
<u>Map knowledge</u> • Use world i the w <mark>orld.</mark>	left and right, forwards an maps to identify the UK in to locate the four countrie	its position in	features <u>Map knowledge</u> • Locate and	andmarks and basic h name on a world map nents and five oceans	o and globe the
 cities of UK and its surrounding seas Draw basic maps, including appropriate symbols and pictures to represent places or features Use photographs and maps to identify features Locate on a globe and world map the hot and cold areas of the world including the Equator and the North and South Poles Draw or make a map of real or imaginary places (e.g. add detail to a sketch map from aerial 				o the hot and cold Equator and the naginary places	
 photograph) Use and construct basic symbols in a key 					
Maths; SSM ELG Use everyd quantities a Recognise, mathemati UTW; The World ELG Know abou Talk about Make obse Forever Firs childrer	n in Year 1 working at ARE lay language to talk about and objects and to solve p create and describe patte ical language to describe t G ut similarities and differen the features of their own rivations of animals and p n in Year 2 working at ARE Progression statements a	size, weight, capa problems. erns. They explore them. ces in relation to p immediate enviro lants and explain v should already be <i>bove.</i>	acity, position, distan characteristics of eve places, objects, mater onment and how envi why some things occu e able to:	eryday objects and sh rials and living things. ronments might vary	apes and use from one another.
Key Vocabulary					
	ier 1		er 2		er 3
Near Far Up Down Wet Rain	Sun Windy Snow Cold Hot	Left Right World Seas Oceans	Season Seasonal Daily Weather	United Kingdom Countries Continents Europe North/South America Antarctica	Autumn Summer Winter Spring Equator North and South Poles
				Australia Africa Asia	North South Map Atlas

Atlas Globe

Geography Assessment					
Children working below ARE	Children working towards ARE	Children working at ARE	Children working above ARE		
	F ir				

	Design and	l Technology			
 select from and use a rafinishing] generate, develop, mod where appropriate, in select from and use a ward 	nould be taught to: nisms [wheels and axles], in the ange of tools and equipment to del and communicate their ideas formation and communication t	ir products perform practical tasks [e.g. cutti s through talking, drawing, templa	ites, mock-ups and,		
Curriculum Intentions (Key Kn	owledge and Skills to be learne w to make a moving vehicle inco	-			
		Ils (Progression Guidance):			
Design		Evaluate			
 State the purpose of the durin user Explore materials, make the e.g. moving picture / lighth Generate own ideas for deexperiences or from readin Make Select from a range of tool explaining their choices Select from a range of material according to their characte Follow procedures for safe Use and make own templa Measure, mark out, cut our components Assemble, join and combin components Use simple find temporary – paper clips, ta staples Use finishing techniques, in 	emplates and mock ups nouse sign by drawing on own ng is and equipment cerials and components eristics ety it and shape materials and he materials and king materials e.g.	 Talk about their design ideas Make simple judgements abo against design criteria 	out their products and ideas could be improved Evaluating sed are, who they are for, how terials are used e working characteristics of ment of simple , sliders (Year 1) wheels ients should be combined haracteristics ocabulary for the projects ig structures can be made		
design	ildren werking at ADC abould a	lucedy be able to:			
Prior Learning - Forever Firs ch Physical Development	ildren working at ARE should a	Expressive Arts and Design			
 (40-60 months) Use simple tools to effect a Handle tools, objects, consimaterials with safety and i Show understanding of ho equipment safely (ELG) Handle tools and equipment 	struction and malleable increasing control w to transport and store	 create new effects Manipulate materials to ach Construct with a purpose in resources Use simple tools and technic appropriately Select appropriate resource necessary 	a mind, using a variety of iques competently and es and adapts work where needed to shape, assemble joining riety of materials, tools ting with colour,		
	Key Vo				
Tier 1	Key Vocabulary Tier 1 Tier 2				
Fast Slow Faster	measure saw join	wood card plastic	Axels Elastic band		

Slower	design	characteristics	
Cut	materials	evaluate	
Glue			
Wheels			
Scissors			
tape			

Firs Primary - School -

Children working below ARE Children working towards ARE Children working at ARE Children working above ARE Image: Children working towards ARE Image: Children working at ARE Children working at ARE Children working at ARE Image: Children working towards Image: Children working at ARE Image: Children working at ARE Children working at ARE Image: Children working towards Image: Children working towards Image: Children working at ARE Image: Children working at ARE Image: Children working towards Image: Children working towards Image: Children working at ARE Image: Children working at ARE Image: Children working towards Image: Children working towards Image: Children working at ARE Image: Children working at ARE Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working towards Image: Children working	Design and Technology Assessment					
Firs Primary	Children working below ARE	Children working towards		_		
- School -	P		h	above ARE		

Computing					
National Curriculu	m:				
execute by fol	-	nambiguous instruct	ented as programs o ions § create and de	-	
Computing Strand	: Programming				
Topic Links: To us	e a programmable ro	bot to follow instru	ctions		
Age Related Subje	ct Skills (Progression	Guidance - DDAT):			
			eBot to navigate incr		ites and are able to
-			the intended destina		l ave able to debug
		oes not reach the int	ot or Kodable to con ended destination	npiele a set lask and	a are able to debug
			navigate increasingl	v complex routes. an	d are able to
•			the intended destina	•	
			tage 1		
• Explore a range	e of control toys and	-		everyday devices ca	n be controlled
	nes when individual			robot using appropr	
pressed o <mark>n a ro</mark>				l estimate distances	
 Follow instruct 	ions to move around	a course	Create a seque	nce of instructions to	o control a
	instructions to move	e their peers		robot to carry out a	-
around a cours			route to includ	e direction, distance	and turn
	ces of controlling oth		•		
	g devices, music pla oment and digital ca				
Other Key Areas of					
-	-	such as toys that make	e noises, move or are r	emote controllable. U	nderstand that this
links to compute	er programming.				
 Give each other direction. 	clear instructions to th	eir partner to move ar	ound a maze/grid. Llin	k their vocabulary to m	naths position and
	ons to move around a g	rid by using their knov	vledge of mathematica	l vocabulary.	
		he buttons tell the cor		,	
		lve technology and co	ntrol such as a microw	ave, laptop etc. They w	vill start to talk about
	d to be controllable.	hat they gave their no	ers. Begin to recognise	similarities with giving	, instructions and
 Use a beebot to pressing buttons 		inat they gave their pe	ers. Begin to recognise		
Prior Learning					
Forever Firs children working at ARE should already be able to:					
(40-60 Months)					
Complete a simple program on a computer.					
 Uses ICT hardware to interact with age-appropriate computer software. (Early Learning Goal) 					
 Recognise that a range of technology is used in places such as homes and schools. 					
 Select and use technology for particular purposes. 					
Key Vocabulary					
Tier 1 Tier 2 Tier 3					
Turn	Shape Steps	Programme Instruction	Devices Right-angled	Sequence	
Move Forwards	Stop	Direction	Beginning		
Backwards	Start	Plan	End		
Left					
Right					

Computing Assessment					
Children working below ARE	Children working towards	Children working at ARE	Children working above ARE		
	ARE				