

NICER curriculum | Science Overview



	Autumn		Spring	Summer	
1		Working Scientifica	ly skills taught through the exploration of the following content:		
	Big Adventure	Challenge: Publish a comic book	Far Far Away	Buckets and Spades	
	Science NC Coverage: Animals including	celebrating heroes and villains from different times and places	How can we produce a soundtrack for a traditional tale? Comics Can	Plan and design a gallery that brings the seaside to the city	
	Humans Focus on Humans	Science NC Coverage: Everyday Materials	Science NC Coverage:	Science NC Coverage: <u>Animals</u> including Humans Focus on Animals	
		Everyday Maceriais	Plants	Seasonal changes	
2	Working Scientifically skills taught through the exploration of the following content:				
	Big Adventure	Sparks will Fly How can we tell the	Up, Up and Away How can we make something fly?	The Really Rural Show	
	NC Coverage:	story of fire creatively?		How can we recreate the countryside in our city environment?	
	Living things and their Habitats	NC Coverage: Animals including Humans	NC Coverage: Use of Everyday Materials	NC Coverage: Plants	
			Space	riants	

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 guidance can be obtained directly from the New National Curriculum for Science. Minor is a mini topic that is in addition of the NICER. Links can be
 made to the science skills ladders, but the content needs to be linked to new National curriculum. The minor topic can be taught whenever as long as it
 is taught in the half term / term.
- Major (typed in red) is where the NICER curriculum is ensuring coverage. Skills to be incorporated from the Science skills ladders and ensure that the
 relevant NC links 'knowledge' is taught e.g. Year 4 'Crazy contraptions' Can we design and make a product which solves a problem could incorporate
 using an electrical circuit to make a loud sound when a light is kept on.



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3		following content:		
	Big adventure NC Coverage:	Around the World in 80 Beats	A Day at the Museum How can we run our own pop-up museum?	Dinosaur Stomp! How can we bring dinosaurs back to life through dance?
	Magnets	Compose an album of songs of the world NC Coverage: Plants	NC Coverage: Light Forces	NC Coverage: Animals including Humans Rocks
4	Working Scientifically skills taught through the exploration of the following content:			
	Big adventure	Bolts n' Bones How can we design a	Time Traveller How can you produce a short movie on the	Crazy Contraptions Can we design and make a product which solves
	NC Coverage Animals including	fitness program?	history of the world?	a problem?
	Humans	NC Coverage Animals including	NC Coverage: Living things and their Habitats	NC Coverage: Sound
	Focus on Animals	<u>Humans</u>		Electricity
		Focus on Humans		

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5		following content:		
	Big adventure	Space – Infinity	Changemakers	Castle Attack!
		How can we produce a Space game?	How can we celebrate our diverse community?	How can you re-enact a Castle attack?
	NC Coverage:		Animals including <u>Humans</u>	NC Coverage:
	Living things and	NC Coverage:	Focus on Humans	Properties and Changes of Materials
	their Habitats	Earth and Space		States of Matter (Year 4 NC)
		Forces (linked to		
		Space)		
6	Transmit describing and the desc			
	Big adventure	Ballot Street	Goblins and Ghouls	The Final Countdown
			Create our own chronicles	How can we set up a VPA events promotion
	NC Coverage:	Challenge: Produce and		company?
	Electricity	launch the next Ballot	NC Coverage:	
		Street Product	Animals including Humans	NC Coverage:
		NGG		Evolution and Inheritance
		NC Coverage:		
		Light		
		Living things and their Habitats		
		Mauitats		

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