



	Autumn		Spring	Summer
1	Working Scientifically skills taught through the exploration of the following content:			
	<p>Big Adventure</p> <p>Science NC Coverage: Animals including Humans Focus on Humans</p>	<p>Far Far Away</p> <p>How can the three Billy goats gruff get to their field without crossing the bridge and meeting the troll?</p> <p>Science NC Coverage: Everyday Materials</p>	<p>The Jolly Farmer</p> <p>How can we create a healthy food tasting festival for our families?</p> <p>Science NC Coverage: Plants</p>	<p>Buckets and Spades</p> <p>Plan and design a gallery that brings the seaside to the city</p> <p>Science NC Coverage: Animals including Humans Focus on Animals</p> <p>Seasonal changes</p>
2	Working Scientifically skills taught through the exploration of the following content:			
	<p>Big Adventure</p> <p>NC Coverage: Living things and their Habitats</p>	<p>Sparks will Fly</p> <p>How can we tell the story of fire creatively?</p> <p>NC Coverage: Animals including Humans</p>	<p>Up, Up and Away</p> <p>How can we make something fly?</p> <p>NC Coverage: Use of Everyday Materials</p>	<p>The Really Rural Show</p> <p>How can we recreate the countryside in our environment?</p> <p>NC Coverage: Plants</p>

- Minor (typed in green) is where expectation is that it is taught in a mini topic over a period of a few days in addition to the NICER curriculum. Further 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.

# NICER curriculum | Science Overview



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

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5	Working Scientifically skills taught through the exploration of the following content:			
	Big adventure  NC Coverage: Living things and their Habitats	Pillars and Drains <i>How can we help the                      community?</i>  NC Coverage: Living things and their Habitats	Food v Man <i>How can we set up a healthy tuck shop to run                      in the school?</i>  NC Coverage; Animals including <u>Humans</u>  <i>Focus on Humans</i>	Castle Attack! <i>How can you design an attack proof castle?</i>  NC Coverage: Properties and Changes of Materials States of Matter (Year 4 NC)  NC Coverage: Earth and Space Forces (linked to SpSCe)
6	Working Scientifically skills taught through the exploration of the following content:			
	Big adventure  NC Coverage: Light Living things and their Habitats	Super Sudz  NC Coverage: Electricity	Goblins and Ghouls <i>Create our own chronicles</i>  NC Coverage: Animals including Humans	The Final Countdown <i>How can we set up a VPA events promotion                      company?</i>  NC Coverage: Evolution and Inheritance

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