

PSTT Resources and how they connect to the Programme of Study (PoS) for English National Curriculum (NC)

Many teachers will be able to look at these activities and see the potential for how they could be used within a Science Programme of Study and we certainly encourage the creative use of the resources.

Please find below some suggestion for how they can be used within the NC for England's PoS.

Year	Curriculum link	Starters for Science Click here to view all the resources.	Science Fun at Home Click here to view all the resources.	Science for One Click here to view all the resources.	I bet you didn't know... articles Click here to view all the resources.	Other PSTT Resources
Year 1	Plants			7. Coat-hanger 5. Egg Box 4. Playdough 1. Box		Common Misconceptions: Light Garden Watch
	Animals Including Humans			6. Cup 3. Foil	How to play planetary hide and seek Some mammals have unusual backbones	Earth Explorers: Going under ground
	Everyday Materials	3. Paper Flowers		8. Plastic Bottle 2. Straw	What small magnetic robots can do How to clean water using a molecular sieve	
	Seasonal Changes					

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Year 2	Living things and their habitats	7. Animal camouflage	5. Spider Safari		Stripes and concealment What is happening to the bees Evolution of life in cities	Earth Explorers: Icy blast Garden Watch
	Plants			1. Box		Earth Explorers: Bursting with life Earth Explorers: In a spin
	Animals including Humans				How to calculate the age of a shark Stripes and Concealment	Science at Work: Florence Nightingale
	Uses of everyday Materials	3. Paper Flowers	10. Scavenger Hunt 1. Science with Ice 21. National Storytelling Week – The Gingerbread Man	2. Straw	What small magnetic robots can do How to clean water using a molecular sieve The disastrous effects of historical ink	Pictures for talk: House Earth Explorers: Exploring the oceans Earth Explorers: Power up

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Year 3	Plants				Bees and caterpillars can change the evolution of plants	City Science Stars: Pitch Perfect
	Animals including humans	7. Animal camouflage	17. Roald Dahl day 11. Body Science		How to grow new skin Some mammals have unusual backbones	
	Rocks			5. Egg Box		Big Jurassic Classroom
	Light	4. Shadow Puppets 8. Mirrors and Light	20. National Puzzle Day 16. Light Up Science 21. National Storytelling Week - Mirror writing		Ice giants at the end of the Solar System	Common Misconceptions: Light Challenge Chasers: Light Maze
	Forces and Magnets	10. Friction		1. Box	What small magnetic robots can do Insight into Mars – How can materials become magnetised?	City Science Stars: Get a Grip Challenge Chasers: Mini Hovercraft City Science Stars: Kick Off To Lift-Off

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Year 4	Living things and their habitats				<p>Stripes and concealment</p> <p>Evolution of life in cities</p> <p>What is happening to the bees</p> <p>About biodiversity and trophic cascades</p>	City Science Stars: Be A Sport
	Animals including humans	7. Animal camouflage		<p>6. Cup</p> <p>4. Playdough</p>	About biodiversity and trophic cascades	
	States of Matter	<p>9. Melting Ice</p> <p>13. Blowing bubbles</p>	<p>9. Salty Science</p> <p>6. What a Gas</p> <p>1. Science with Ice</p>		<p>Water can be harvested from the air in very dry climates</p> <p>Computers can measure the happiness of a city</p> <p>There is a storm coming and it is not going away – how are clouds formed?</p>	<p>Common Misconceptions: Time for a change!</p> <p>Picture for Talk</p>
	Sound	14. Making Music	<p>12. Sounds of Science</p> <p>7. Musical Science</p>	7. Coat hanger	<p>Whale song is changing</p> <p>What happens underground when humans stay indoors</p> <p>There is lightning at the edge of the Solar System – calculate the speed of sound</p>	<p>Common Misconceptions: Sound</p> <p>Growing Music</p>
	Electricity				How plants know good microbes from bad ones	Common Misconceptions: Electricity

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Year 5	Living things and their habitats				Stripes and concealment Miracle healing could come from the Axolotl	Pictures for talk: Pollen
	Animals including humans			4. Playdough	How to grow a new skin How to calculate the age of a shark	
	Properties and changes of materials	3. Paper Flowers 14. Colourful ink	15. Liquid Science 14. Science Flowers 9. Salty Science 8. Watery Science 4. Sink or Swim 3. Egg-citing Science 1. Science with Ice		How to clean water using a molecular sieve Toilets in the future may charge your mobile phone What small magnetic robots can do Slug slime might be the answer for medical adhesives The disastrous effects of historical ink	Common Misconceptions: Time for Change Picture for talk: Floating and sinking Challenge Chasers: Clean me! City Science Stars: Space Olympics
	Earth and Space		18. World Space Week 13. Rocket Science	2. Straw	Insight into Mars Ice giants at the end of the Solar System There is a storm coming and it is not going away There is lightning at the edge of the Solar System How to play planetary hide and seek	Science at Work: Gene Cernan, Meet two space scientists. City Science Stars

Dated: 16/03/2021

					One of Saturn's moons could be a home for extra-terrestrial life	
	Forces	<ul style="list-style-type: none"> 1. Paper Towers 2. Straw Planes 5. Falling paper 6. Levers 10. Friction 11. Pendulum Towers 12. Spinning paper 	2. Spinning Science	<ul style="list-style-type: none"> 8. Plastic Bottle 5. Egg Box 3. Foil 	<ul style="list-style-type: none"> Some mammals have unusual backbones What small magnetic robots can do Slug slime might be the answer for medical adhesives 	<ul style="list-style-type: none"> Common Misconceptions: Levers, gears and pulleys Why and How Challenge: 'O' ring flyer City Science Stars: On the Wing City Science Stars: Feel the Pressure Chain Reaction Challenge Chasers: Slow the drop! Challenge Chasers: Egg drop! Challenge Chasers: Escape! Challenge Chasers: Race!

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Year 6	Living things and their habitats	7. Animal camouflage		7. Coat hanger	Dragons could save us from bad bacteria Catching flu might depend on the type of place in which you live What is happening to the bees How plants know good microbes from bad ones Bacteria get viral infections as well	
	Animals including humans				Blood tests could detect cancer Catching flu might depend on the type of place in which you live Dragons could save us from bad bacteria	City Science Stars: Match Fit
	Evolution and Inheritance				Bees and caterpillars can change the evolution of plants Some mammals have unusual backbones Evolution of life in cities	Common Misconceptions: Evolution The Molliebird City Science Stars: Survival of the Fittest

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Light	4. Shadow Puppets 8. Mirrors and Light	20. National Puzzle Day 16. Light Up Science	6. Cup 3. Foil	Ice giants at the end of the Solar System	Common Misconceptions: Light
Electricity				There is lightning at the edge of the Solar System - investigating static electricity	Common Misconceptions: Electricity