

Audit Your STEM Resources

Fill in the checklist to assess your provision, then decide how to make improvements.

0-12 score: Seek help!
Immediate support for rapid improvement required.

13-26 score: Doing well
Identify complete collections to enrich your weakest areas.

27-39 score: Almost there
Add new books and resources to expand children's knowledge.

40+ score: Amazing!
Share your outstanding provision with us and your peers.

Area of Learning	STEM Focus	Enrichments & Enhancements	Score
Maths	Games	<input type="checkbox"/> Blank games boards with a variety of dice and spinners <input type="checkbox"/> Variety of beads and/or miniature small world animals	Score: (out of 2)
	Understanding Number	<input type="checkbox"/> A wide range of counters, natural resources, bowls and boxes for counting (including in 2s, 3s, 5s or 10s) and calculating <input type="checkbox"/> Number and symbol cards, number lines, wooden and magnetic numbers	Score: (out of 2)
	Exploring Place Value	<input type="checkbox"/> Counting frames and beads <input type="checkbox"/> Bowls, boxes and hoops for counting into and sorting <input type="checkbox"/> Natural resources and small world creatures for counting <input type="checkbox"/> Equipment to represent hundreds, tens and ones <input type="checkbox"/> Blank grids and boards to support place value and partitioning	Score: (out of 5)
Engineering	Exploring Structures	<input type="checkbox"/> Ramps and sets of balls, or cars and bowls of different sizes for exploring speed, distance, height <input type="checkbox"/> Tape measures, cm rulers and whiteboard grids, spirit levels	Score: (out of 2)
	Connecting & Constructing	<input type="checkbox"/> Small construction with different fastenings <input type="checkbox"/> Small construction with moving parts <input type="checkbox"/> Geometric shape construction set <input type="checkbox"/> Open-ended small construction with creative problem solving including laces, beads, connectors and rods	Score: (out of 4)
	Designing & Building	<input type="checkbox"/> Generous sets of wooden blocks for building <input type="checkbox"/> Unusual blocks e.g. open sided or city-scape blocks to add interest and challenge <input type="checkbox"/> Photographs of a range of buildings, bridges etc. <input type="checkbox"/> Flat pieces for roofs and bridges	Score: (out of 4)
Technology		<input type="checkbox"/> Programmable toys such as Botley	Score: (out of 1)

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Area of Learning	STEM Focus	Enrichments & Enhancements	Score	
Science	Human Body Inside Out	<input type="checkbox"/> Models of the body such as skeleton, torso, teeth and eye <input type="checkbox"/> Feely bags, blindfolds and scent pots <input type="checkbox"/> Skeleton and teeth x-rays with access to a light board	Score: (out of 3)	
		Measurement Me & You	<input type="checkbox"/> Height and foot measures, spring balances, rulers and tape measures and stopwatches <input type="checkbox"/> Forehead and outdoor thermometers <input type="checkbox"/> Whiteboard grids and transparent grids	Score: (out of 3)
			Role Play Occupations	<input type="checkbox"/> Set of realistic small world people representing occupations <input type="checkbox"/> Role play costumes for scientists, medics and astronauts <input type="checkbox"/> Accessories including face mask, stethoscope, bandages, syringes and safety glasses <input type="checkbox"/> Large world map and globes
	Worldwide Habitats			<input type="checkbox"/> Sets of small world animals and minibeasts from different habitats, eg. deserts, jungle and polar regions <input type="checkbox"/> Small world people from around the world
		Understanding Life Cycles		<input type="checkbox"/> Pictorial representations of life-cycles <input type="checkbox"/> Life-cycle sets such as frog, butterfly, bee, chicken etc. <input type="checkbox"/> Set of magnifying glasses of different size and strength
	Investigating the World		<input type="checkbox"/> Collection of bug jars, and sorting trays for collecting and observing closely <input type="checkbox"/> Minibeast, wildlife and bird story books and puppets	Score: (out of 2)
		Exploring Wild Weather	<input type="checkbox"/> Windmills and streamers, rain gauge, weather vane, outdoor thermometers <input type="checkbox"/> Waterproof clothing and wellies	Score: (out of 2)
	Investigating Light & Colour		<input type="checkbox"/> Objects that illuminate/mix colour including colour paddles and colour viewers, coloured Perspex 2D and 3D shapes <input type="checkbox"/> Kaleidoscopes, perspective glasses, mini telescopes, torches, prisms and mirrors <input type="checkbox"/> Access to a light board	Score: (out of 3)
		Exploring Movement & Materials	<input type="checkbox"/> Magnets of different shapes and sizes <input type="checkbox"/> Toys that move in different ways with different mechanisms – pull and release, wind-up, spin, spring and levers	Score: (out of 2)
			Understanding Earth & Space	<input type="checkbox"/> Pictorial representations of the solar system <input type="checkbox"/> Space exploration small world characters and scenery
Research & Investigation	<input type="checkbox"/> Fiction books to support knowledge and understanding <input type="checkbox"/> Non-fiction books about plants and animals including those from a range of habitats and with varying life-cycles; the human body and senses; weather and climate; occupations; forces; number and measurement	Score: (out of 2)		
	Add up your total across the 4 areas and see how high you score.			Total score: