

Audit Your 3-7yrs 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 characters,
scenery & props to
enrich children's
play.

40+ score:
Amazing!
Share your
outstanding
provision with
us on social media.

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

Score out of 28:

Technology

- ☐ Programmable toys such as Botley

Score out of 1:

*Audit Continues
on Page 2*



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Area of Learning STEM Focus Enrichments & Enhancement

Engineering

Exploring Structures

- ☐ Ramps & sets of balls, or cars & bowls of different sizes for exploring speed, distance, height
- ☐ Tape measures, cm rulers & whiteboard grids, spirit levels

Connecting & Constructing

- ☐ Small construction with different fastenings
- ☐ Small construction with moving parts
- ☐ Geometric shape construction set
- ☐ Open-ended small construction with creative problem solving including laces, beads, connectors & rods

Designing & Building

- ☐ Generous sets of wooden blocks for building
- ☐ Unusual blocks e.g. open sided or city-scape blocks to add interest & challenge
- ☐ Photographs of a range of buildings, bridges etc.
- ☐ Flat pieces for roofs & bridges

Score out of 10:

Maths

Games

- ☐ Blank games boards with a variety of dice & spinners
- ☐ Variety of beads and/or miniature small world animals

Understanding Number

- ☐ A wide range of counters, natural resources, bowls & boxes for counting (including in 2s, 3s, 5s or 10s) & calculating
- ☐ Number & symbol cards, number lines, wooden & magnetic numbers

Exploring Place Value

- ☐ Counting frames & beads
- ☐ Bowls, boxes & hoops for counting into & sorting
- ☐ Natural resources & small world creatures for counting
- ☐ Equipment to represent hundreds, tens & ones
- ☐ Blank grids & boards to support place value & partitioning

Score out of 9:

Add up your total across the 4 areas & see how well you score.

Total:

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