

WHISTLESTOP SCIENCE WEEK



A ready-to-go mini science week based on **sport**

	ACTIVITY	DETAILS AND LINKS TO RESOURCES
MONDAY	Investigate how far can you 'throw' a ball of paper with your catapult.	PSTT's Starters for Science 6. <u>Levers and Catapults</u> www.pstt.org.uk/resources/curriculum-materials/Starters-for-Science
TUESDAY	Question of the week: Does the biggest hand have the biggest grab?	Set the question – Ask the children how they could find out who has the biggest hand? Try grabbing a handful of objects – whose hand holds the most? What if the objects are smaller – does that make a difference?
WEDNESDAY	Challenge of the week: Fish relay race	Set the challenge – Tell the children to cut out lots of little fish shapes out of foil or very thin/tissue paper and put them on a plate. Rub a plastic ruler on a sweatshirt, hover it over the fish and watch them jump to the ruler. Can they transfer the fish to another plate? How many can they transfer in a minute? See <u>Science for One: 3. Foil</u> www.pstt.org.uk/resources/curriculum-materials/Science-for-One
THURSDAY	Explore materials in sport	Explorify at Home: <u>Zoom in, zoom out</u> www.explorify.wellcome.ac.uk/en/activities/zoom-in-zoom-out/give-it-a-try/classroom?view-type=public
FRIDAY	Find out about how balls can bounce really high	Institute of Physics – Do try this at home: 13. <u>Bouncing Balls</u> www.iop.org/explore-physics/at-home/episode-13-bouncing-high

WHAT TO DO

- * Choose your activities - for the week, for a day, or for anything in-between
- * Add or swap in any extra activities from the list overleaf
- * Download the resources and share with teachers, children and families

Encourage the children to share what they have been doing and finding out

draw pictures, take photos, make voice recordings, film videos, create a scrap book, keep a diary, make a model, phone a friend or relative

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ADDITIONAL OR ALTERNATIVE ACTIVITIES

PSTT	<p><u>Science and STEM Clubs</u> Challenge Chasers – Slow the Drop! www.pstt.org.uk/resources/curriculum-materials/childrens-university-stem-clubs</p> <p>How strong are you? Find out more about friction and grip with Starters for Science 10. <u>Paper Friction</u> www.pstt.org.uk/resources/curriculum-materials/Starters-for-Science</p> <p>City Science Stars: <u>Be a sport</u> - sort and classify different sports www.pstt.org.uk/resources/curriculum-materials/city-science-stars</p> <p>Science Fun at Home 11. <u>Body Science</u> www.pstt.org.uk/resources/curriculum-materials/Science-Fun-at-Home</p>
Explorify at Home	<p><u>More about materials</u> and sport: Zoom in, zoom out www.explorify.wellcome.ac.uk/en/activities/zoom-in-zoom-out/point-of-view/classroom?view-type=public</p>
Royal Society of Chemistry	<p><u>Why do weightlifters chalk their hands?</u> www.edu.rsc.org/resources/chemistry-and-sport-weightlifting/858.article</p>
National Physical Laboratory	<p><u>Explore reaction times</u> – are they different in children and adults? www.npl.co.uk/skills-learning/measurement-at-home/reaction-time/mah12-reaction-time-worksheet.aspx</p>
British Science Week	<p><u>Accessible playground games</u> – get thinking about disabilities and creating games for all. BSA Primary Activity Pack 2020: Our Diverse Planet page 9 – Playground Games www.britishteachingweek.org/app/uploads/2019/11/BSA_BSW_teaserpack_Primary_1019v3-1.pdf</p>

What science conversations will happen during your Whistlestop Science Week?
Why not share them @pstt_whyhow or at the Great Science Share for Schools?

IMPORTANT NOTICE: The Primary Science Teaching Trust is not liable for the actions or activity of any person who uses the information in this resource. The Primary Science Teaching Trust assumes no liability with regard to injuries or damage to property that may occur as a result of using the information and carrying out the practical activities contained in this resource or in any of the suggested further resources. These activities are designed to be carried out by children working with a parent, guardian, teacher or other appropriate adult. The adult involved is fully responsible for ensuring that the activities are carried out safely.