

WHISTLESTOP SCIENCE WEEK



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

	ACTIVITY	DETAILS AND LINKS TO RESOURCES
MONDAY	Investigate the strength of different shapes	PSTT's Starters for Science Video 1. <u>Paper Towers</u> www.pstt.org.uk/resources/curriculum-materials/Starters-for-Science
TUESDAY	Question of the week: Which paper is best for ...?	Set the question - Tell the children that they can decide what they mean by 'best', e.g. they could explore what kind of paper is best for: Wrapping a present? Mopping up a mess? Writing a letter? Encourage them to explain what they think and how they decided.
WEDNESDAY	Challenge of the week: Build the tallest paper structure	Set the challenge - What is the tallest structure you can build using only newspaper, magazines or other waste paper? Encourage them to measure the height and take a picture to share.
THURSDAY	Explore Paper and Friction	PSTT's Starters for Science Video 5. <u>Falling Paper</u> www.pstt.org.uk/resources/curriculum-materials/Starters-for-Science
FRIDAY	Make and test a paper spinner	PSTT's Science Fun at Home 2. <u>Spinning Science</u> www.pstt.org.uk/resources/curriculum-materials/Science-Fun-at-Home

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> Earth Explorers – Power Up, High in the Clouds Engineering Our World – Emily Roebling: Building a Bridge www.pstt.org.uk/resources/curriculum-materials/childrens-university-stem-clubs</p> <p>Starters for Science Video 12. <u>Spinning Paper</u> Starters for Science Video 3. <u>Paper Flowers</u> www.pstt.org.uk/resources/curriculum-materials/Starters-for-Science</p> <p>I bet you didn't know article: The disastrous effects of historical ink - how the <u>thickness of paper</u> affects the degradation of old documents? www.pstt.org.uk/resources/curriculum-materials/cutting-edge-science-primary-schools</p>
BBC Teach	<p><u>How is paper made?</u> www.bbc.co.uk/teach/class-clips-video/primary-science-how-paper_is_made/zryb92p</p>
SEERIH, University of Manchester	<p>Enquiring Science 4 All - Identifying, classifying and grouping Y1 <u>Is all paper the same?</u> www.seerih-innovations.org/enquiringscience4all/enquiries/identifying-classifying-grouping</p>
SSERC	<p>Investigating Forces with <u>Rocket Mice</u> www.youtube.com/watch?v=Q8w11WtGxG8&feature=emb_logo</p>
Science Sparks	<p>How can you <u>stand on a paper cup</u> without breaking it? www.science-sparks.com/how-can-you-stand-on-a-paper-cup-without-breaking-it/</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.

