

# WHISTLESTOP SCIENCE WEEK



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

	ACTIVITY	DETAILS AND LINKS TO RESOURCES
MONDAY	<b>Explore</b> making meteor craters and find out about the movement of the Earth, Sun and Moon	PSTT's Science Fun at Home 18. <b>World Space Week</b> <a href="http://www.pstt.org.uk/resources/curriculum-materials/Science-Fun-at-Home">www.pstt.org.uk/resources/curriculum-materials/Science-Fun-at-Home</a>
TUESDAY	<b>Question</b> of the week: What do you <b>NOT</b> know about the planets in our Solar System?	Set the question – For each planet, find a fact that you didn't know before. Can you find out which planet is the biggest? The hottest? The furthest away from the Earth? Has the greatest number of moons?
WEDNESDAY	<b>Challenge</b> of the week: How high will your rocket go?	Set the challenge – Launch your <b>Rocket Mice</b> and see how high you can get your rocket to go. <a href="http://www.youtube.com/watch?v=Q8w11WtGxG8&amp;feature=emb_logo">www.youtube.com/watch?v=Q8w11WtGxG8&amp;feature=emb_logo</a>
THURSDAY	<b>Discover</b> more about being an astronaut or a space scientist	Learn about Gene Cernan's moonwalk, and find out about space weather in the <b>Science at Work</b> videos and activity sheets 3 and 4 <a href="http://www.pstt.org.uk/resources/curriculum-materials/Science-at-Work">www.pstt.org.uk/resources/curriculum-materials/Science-at-Work</a>
FRIDAY	<b>Investigate</b> Launching straw rockets	<b>Science for One: 2. Straw – launching rockets</b> <a href="http://www.pstt.org.uk/resources/curriculum-materials/Science-for-One">www.pstt.org.uk/resources/curriculum-materials/Science-for-One</a>

## 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

# WHISTLESTOP SCIENCE WEEK



## ADDITIONAL OR ALTERNATIVE ACTIVITIES

PSTT	<p><u>Science and STEM Clubs</u> Engineering Our World – Mary Sherman Morgan balloon rocket <a href="http://www.pstt.org.uk/resources/curriculum-materials/childrens-university-stem-clubs">www.pstt.org.uk/resources/curriculum-materials/childrens-university-stem-clubs</a></p> <p>Finding Stardust – learn about micrometeorites and how you might find space dust in the local area <u>PSTT WhyHow Newsletter Spring 2021</u> <a href="http://www.pstt.org.uk/what-we-do/why-how-newsletter">www.pstt.org.uk/what-we-do/why-how-newsletter</a></p>
BBC Bitesize	<p><u>Q and A with Tim Peake</u> - find out what it is like to be an astronaut <a href="http://www.bbc.co.uk/bitesize/topics/zw44jxs/articles/z822hv4">www.bbc.co.uk/bitesize/topics/zw44jxs/articles/z822hv4</a></p> <p>Have fun with a <u>space quiz</u> <a href="http://www.bbc.co.uk/bitesize/articles/zsvtqfr">www.bbc.co.uk/bitesize/articles/zsvtqfr</a></p>
STEM Learning/ ESERO	<p><u>Mission to the Moon</u> - Lots of ideas to find out more about the Moon <a href="http://www.stem.org.uk/system/files/elibrary-resources/2019/06/Mission%20to%20the%20Moon.pdf">www.stem.org.uk/system/files/elibrary-resources/2019/06/Mission%20to%20the%20Moon.pdf</a></p>
European Space Agency	<p>Activities and facts about the <u>history of the universe</u> <a href="http://www.esamultimedia.esa.int/docs/edu/PRO2_History_of_the_Universe_teacher_guide_and_pupil_activities.pdf">www.esamultimedia.esa.int/docs/edu/PRO2_History_of_the_Universe_teacher_guide_and_pupil_activities.pdf</a></p>
Institute of Physics	<p>Do try this at home: Episode 11. <u>Toilet roll solar system</u> <a href="http://www.iop.org/explore-physics/at-home/episode-11-toilet-roll-solar-system">www.iop.org/explore-physics/at-home/episode-11-toilet-roll-solar-system</a></p>

What science conversations will happen during your Whistlestop Science Week?  
Why not share them @[pstt\\_whyhow](https://twitter.com/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.

