

# STEM BigBang@School Day

October 2022



**“it was fun ... it was excellent ... making rockets was 'out of this world' - a real Astroblast!”**

*“I absolutely loved the planetarium dome. It was so good. It was just like it was really fun when you look up and see our universe.”*

*“Loved the planetarium ... enjoyed shooting the rockets*

*“Rockets were fun, it was a good change from normal lessons”*

# SPACE

In order to introduce our new STEM (Science, Technology, Engineering and Maths) programme here at Moon Hall, we took part in a variety of activities to help celebrate ‘International Space Week’.

Juniors started the day learning about the solar system, before designing and making their own planets. Students from all years rotated around IT based activities, making and firing pneumatic rockets, and seeing all about the universe from inside a huge inflatable planetarium, and then the Juniors did a spot of astronaut training during PE & Games!

Big THANK YOUs go out to The STEM Hub, who helped organise the day, Engineering UK for helping fund the day, the University of Surrey, who ran the Juniors’ solar system project as part of their outreach programme, Dr Mark Gallaway of Starlight STEM Limited for the planetarium and presentations, and of course to all our students and staff at Moon Hall for getting fully involved in the day.

For more STEM information check out  
[STEM \(Science, Technology, Engineering & Maths\)](https://www.thestemhub.org.uk)  
[Moon Hall School \(moonhallschoolreigate.co.uk\)](https://www.thestemhub.org.uk)  
or contact The STEM Hub on <https://www.thestemhub.org.uk>



**MOONHALLSTEM**  
Science, Technology, Engineering & Maths

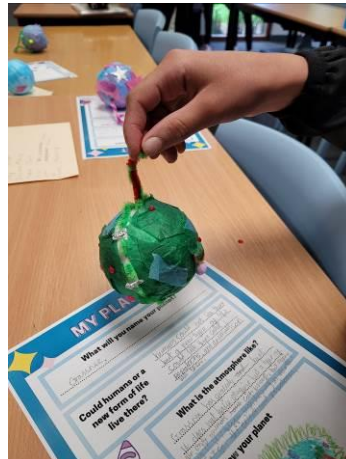


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# SPACES





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# STARLIGHT



<https://www.starlightstem.co.uk>



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# STARS

Select from the following movieclips:

- [What It Takes To Become An Astronaut](#)
- [International Space Station](#)
- [Becoming Astronauts: Are You Next?](#)
- [🌍 Nasa Live Stream - Earth From Space : Live Views from the ISS](#)
- [Felix Baumgartner Space Jump World Record 2012](#)
- [Joy and jubilation as Nasa crashes spacecraft into an asteroid in 'planetary defence test' \(Sept 2022\)](#)
- [James Webb Telescope Finally Found THIS At The End of Space \(Sept 2022\)](#)
- [How to Get to Mars. Very Cool!](#)
- [Tim Peake on How to Become an Astronaut | This Morning](#)
- [StoryBots Outer Space | Planets, Sun, Moon, Earth and Stars | Solar System Super Song | Fun Learning](#)





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# SPACES





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# SPRINGS



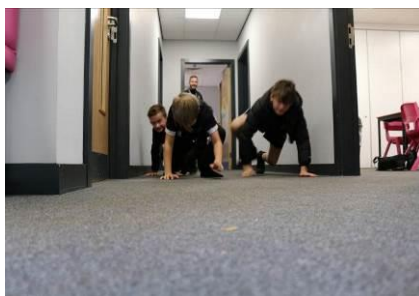


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# SNAPE



<https://trainlikeanastronaut.org>

