

Year 5 - Stargazers!

This half term our topic will be *Stargazers!* We will learn all about space and the universe, including the 1960's *Space Race* and the first man on the moon.

We will also be visiting the National Space Centre in Leicester on December 1st!



Maths — addition and subtraction; graphs and tables; multiplication and division

English — diary entries; setting description

Science — Earth and space; forces; working scientifically

History — Significant individuals (Galileo Galilei & Isaac Newton); 1960's space race

Geography — Locating physical features on a map

Please be aware, children should not have access to social media sites such as WhatsApp, TikTok and Snapchat while they are of Primary School age. Due to the apps' age restrictions. If your child is using social media, please note that school 'group chats' are banned. Please could you remind children to use kind words as it has caused some issues at school.

Days to Remember

Tuesday—PE

Wednesday—Topic Day

Thursday—PE

Friday— spelling test



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Spellings

This term we will continue to teach spellings using spelling rules and words linked to our topic. Below is a list of the spellings which will be tested each week and the rule or pattern some these words follow.

W/C 1/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 6/12
Words with 'silent' letters	Words with 'silent' letters	Modal verbs	Words ending in 'ment'	Adverbs of possibility and frequency	Statutory Spelling Challenge Words
<ol style="list-style-type: none"> doubt lamb thumb solemn autumn column knuckle knot asteroid Earth 	<ol style="list-style-type: none"> wrestle wrapper island aisle castle yacht guarantee guilty astronaut gravity 	<ol style="list-style-type: none"> could might shall should would ought lunar solar satellite universe 	<ol style="list-style-type: none"> equipment environment government parliament enjoyment document replacement terrestrial astronomer meteoroid 	<ol style="list-style-type: none"> certainly definitely possibly probably frequently often occasionally rarely planetarium telescope 	<ol style="list-style-type: none"> vegetable vehicle bruise soldier stomach recommend leisure privilege occur neighbour

W/C 1/11	W/C 8/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 6/12
Creating adverbs using the suffix -ly (no change to root word)	Creating adverbs using the suffix -ly (root word ends in 'y' with more than one syllable)	Creating adverbs using the suffix -ly (root word ends in 'le')	Creating adverbs using the suffix -ly (root word ends in 'ic' or 'al')	Creating adverbs using the suffix -ly (exceptions to the rules)	Statutory Spelling Challenge Words
<ol style="list-style-type: none"> kindly quickly safely bravely finally planet 	<ol style="list-style-type: none"> happily angrily easily greedily cheekily star 	<ol style="list-style-type: none"> gently simply terribly possibly probably Earth 	<ol style="list-style-type: none"> basically magically actually accidentally occasionally eventually 	<ol style="list-style-type: none"> truly fully daily shyly gravity rocket 	<ol style="list-style-type: none"> believe often group breath continue arrive describe height

If you are not sure whether your child learns blue or green spellings, please check their reading record.

This year, we will continue to be using our multiplication and division facts to help us solve problems. Remember, you could use TTRockstars to practise and become a Rock Hero!

stargazers Challenges

What will you choose to do?

- Keep a Moon diary over the course of a lunar month. Draw the shape of the Moon each night, finding out and recording the correct term for each lunar phase.
- Use non-fiction books, astronomy magazines and the web to find and record amazing facts about space. Create a space scrapbook using your facts and downloaded images.
- Visit your local library and search for space-themed books. These could be non-fiction, novels or poetry books. Write a review of your favourite to display in the library or school.
- Search the night sky and try to identify the Moon, stars or even some of the other planets in the Solar System such as Venus or Mars. Use binoculars or a telescope if possible. You might also be able to use an app which will help you to locate the position of the stars.
- Imagine... an alien space ship has crash landed in your back garden. Write a story about what happens next. You may want to borrow ideas from space stories or films you know well. Remember to use powerful vocabulary to bring your story (and your alien) to life!
- So far, 24 astronauts have visited the Moon. Find out their names, download pictures and record interesting facts about them.
- Write a letter of application to the UK Space Agency to become an astronaut. What personal qualities or skills would you need to carry out this role?
- Write a film review of a space-themed film that you have watched with your family. Some great films to choose might be *Wall-E* (U), *ET* (U), *Star Wars* (PG) or *Apollo 13* (PG). How many 'stars' would you award your film?
- Design and create an astronaut space helmet or alien headwear using junk materials. Bring it to school and take part in a space-inspired fashion parade!
- Teach your family the order of the planets in the Solar System using your mnemonic, then test them! Have they remembered correctly?
- Using non-fiction books and online research, find out the names of some of the best-known star constellations. On a clear night, try to identify them. Draw diagrams of those you have spotted. Do you think the names they have been given suit them?
- Make a 3-D model of the Solar System which displays all the planets in order.