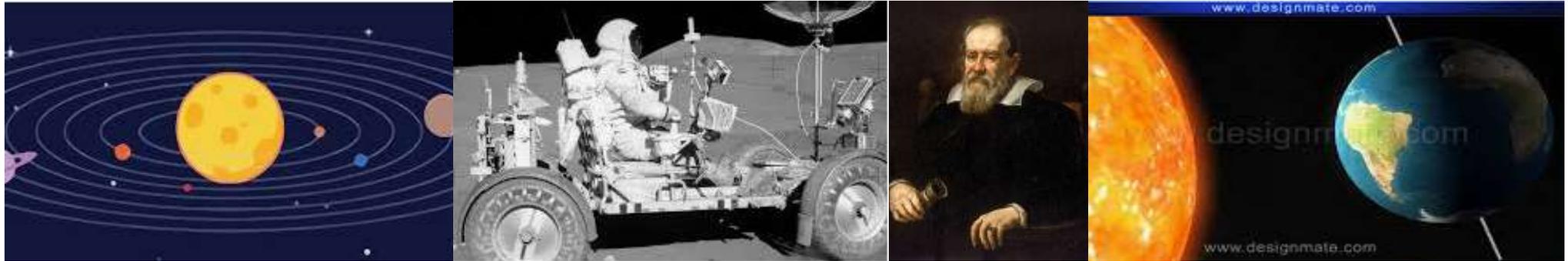


Y5 Newsletter - Autumn 2



Dear Parents/Carers

Welcome Back!

A big 'hello and welcome' back from the Y5 team! We are looking forward to another busy, but exciting half term. This half term our project is 'To Infinity and Beyond' and we will be learning all about space and the solar system.

To kick start the topic, we had a planetarium and astronomer in school in week 1, which created an unforgettable experience for the children. The cost of the 'Wonder Dome' planetarium was £295, which the school has paid for on this occasion. The children had an amazing time exploring the planets and asking questions of the astronomer. We will be using this event to help inspire our learning over the half term.

As part of our project we are also going to be making a vlog- presenting in a number of ways all the things we have learnt about space and will be showing this in an assembly to the rest of the school at the end of the half term.

For more details about what will be taught this half term, please see the project plan over the page.

Remember, if you have any questions or concerns, please see Mrs Laybourn, Mrs Bodimeade or Mr Windslow. For short enquiries, class teachers can be found in the playground at both the start and end of the day. Longer meetings can be organised in advance, by making an after school appointment. We are looking forward to working with you and your children.

Kind regards

Mrs Laybourn, Mrs Bodimeade (Y5LB) and Mr Windslow (Y5CW), with teaching assistant Miss Walsh.

Nurturing a caring community, in which every child learns well.

Driver 1: Citizenship

Enable children to make their own decisions and take responsibility for their own lives and communities.

Develop children's understanding of and responsibilities within their communities from the local (Sheffield) to the national (British) and finally global (World)

Driver 2: Aspiration

Provide children with the necessary skills, knowledge and understanding to succeed irrespective of socio-economic background and/or gender.

Promote self-efficacy, which is an individual's belief in his/her innate ability to achieve goals.



Long Term Project Planning: Learning Objectives

Year Group: 5

Term: Autumn 2

Project Stimulus (Visit/Visitor/Experience): Planetarium (Wonder Dome)

Project Outcome: Vlog to post online.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Literacy	Non-Fiction Newspaper Reports -Identifying features	Non-Fiction Newspaper Reports- Introduction and main body	Non-Fiction Newspaper Reports- Main body and summary	Narrative Cosmic- draft and write by in narratives describing setting and characters.	Narrative Cosmic- draft and write by in narratives describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action.	Narrative Cosmic- draft and write by in narratives describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action.	Poetry Christmas poetry
Numeracy	Number – Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.	Number – Divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.	Number – Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.	Number – Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3)	Number – Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.	Number – Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.	Number – Solve comparison, sum and difference problems using information presented in a line graph.
Project Work	Science To describe the sun, Earth and moon as approximately spherical bodies To use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky.	Science Create outdoor timeline, using a scale of 1mm = 1 year, and marking with flags, chalk or pictures where developments occurred, from the earliest humans to most recent space discoveries. Look at examples of vlogs and begin to assign roles and responsibilities for creating our own.	Science /History Explain the contributions and the ideas of: -Aristotle -Tusi -Al Hazen -Copernicus -Galileo	Art Use different mediums to create images of the planets Experiment with- -Chalk, -Pastel, -Water-colour paint, -Marbling (using wax and paint)	DT Look at examples of moon buggies and discuss what characteristics they require. Design and build a moon buggy.	DT Design and build a moon buggy. Evaluate its effectiveness.	DT/Christmas Design and build a moon buggy Christmas Cards and Calendar.
Key Dates	Wonder Dome Planetarium 6.11.18						