

# Year 5 Spring Term Project: What does space teach me about the Earth?

| Timeline (Significant Events) |                                                                                                                                                                                                                            | Important people                                                                                                                                                                                                                                   | Language Dozen        |                                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1957                          | The Sputnik 1 satellite was the first man-made object to leave the Earth's atmosphere.                                                                                                                                     | Tim Peake was the first British astronaut to visit the International Space Station. He launched on 15 <sup>th</sup> December 2015 and spent 186 days onboard the ISS.                                                                              | <b>NASA</b>           | NASA is a U.S. government agency that is responsible for science and technology related to air and space.                                              |
| 1961                          | Yuri Gagarin became the first human to travel into space, followed two years later by Valentina Tereshkova.                                                                                                                | Neil Armstrong was the first man to walk on the moon. He was born in Ohio, USA in 1930 and gained astronaut status in 1962. He docked the Apollo 11 spacecraft and became the first person to step foot on the moon on 20 <sup>th</sup> July 1969. | <b>Gravity</b>        | The force that attracts a body towards the centre of the earth, or towards any other physical body having mass.                                        |
| 1969                          | Apollo 11 blasted off, which led to Neil Armstrong becoming the first man on the moon. He was joined by Buzz Aldrin and Mike Collins.<br> | Yuri Gagarin was a Russian astronaut who became the first human to travel into space in 1961.                                                                                                                                                      | <b>Celestial body</b> | An object visible in the sky, such as a planet.                                                                                                        |
| 1970                          | Venera 7 became the first spacecraft to soft land on another planet.                                                                                                                                                       | Valentina Tereshkova was born in Russia in 1937. In 1963, at the age of 26, she became the first female to go to space.                                                                                                                            | <b>Atmosphere</b>     | The layer of gas that surrounds Earth.                                                                                                                 |
| 1998                          | The International Space Station (ISS) is launched into orbit.<br>                                                                         |                                                                                                                                                                                                                                                    | <b>Orbit</b>          | The path of an object around a certain point in space                                                                                                  |
| 2006                          |  Pluto was officially downgraded to a 'dwarf planet' due to its smaller size.                                                           |                                                                                                                                                                                                                                                    | <b>Rotation</b>       | The action of rotating around a centre or axis.                                                                                                        |
| 2015                          | Tim Peake became the first British astronaut to travel space, spending 186 days on the International Space Station.<br>                 |                                                                                                                                                                                                                                                    | <b>Solar system</b>   | The collection of eight planets and their moons in orbit round the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets. |
|                               |                                                                                                                                                                                                                            | <b>Famous Quotations</b>                                                                                                                                                                                                                           | <b>Star</b>           | A large ball of burning gas in space usually seen from the earth as a point of light in the night sky.                                                 |
|                               |                                                                                                                                                                                                                            | <i>"I know the sky is not the limit because there are footprints on the moon and I made some of them" – Buzz Aldrin</i>                                                                                                                            | <b>Phase</b>          | A distinct period or stage in a series of events or a process of change or development.                                                                |
|                               |                                                                                                                                                                                                                            | <i>"One small step for a man, one giant leap for mankind" – Neil Armstrong</i>                                                                                                                                                                     | <b>Eclipse</b>        | A complete or partial hiding of the sun caused by the moon's passing between the sun and the earth                                                     |
|                               |                                                                                                                                                                                                                            | <b>A Few Space Facts</b>                                                                                                                                                                                                                           | <b>Asteroid</b>       | A small rocky body orbiting the sun.                                                                                                                   |
|                               |                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Laika The Dog became the first animal in space in 1957 as part of the Sputnik 2 mission.</li> <li>It takes 365 days for the Earth to complete a complete orbit around the sun.</li> </ul>                   | <b>Satellite</b>      | A satellite is an object that has been intentionally placed into orbit.                                                                                |



**“A community of learners aiming high to Excel and Exceed!”**

**YEAR 5 SPRING  
TERM 2023**

**Essential Question:**

***What does space teach me about the Earth?***

## **THE GOLDEN RULES**

Do as you are asked the  
first time.

Take care of everyone  
and everything.

Show RESPECT at all  
times.

**Good attendance is  
95%+.**

**Please remember  
to arrive on time!**

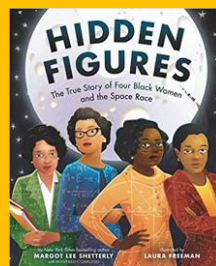
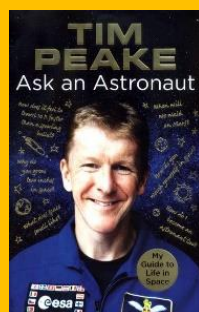


## **Project Outcome:**

**Year 5 will produce Clips Videos for the  
school website demonstrating their  
knowledge of Earth and Space.**



## **Suggested Reading and Viewing**



***Remember to read at least 5 days a week  
and have your Learning Log signed.***

## **Key Dates**

09.01. Y5 To the Leicester  
Space Centre  
19.01. Spanish Fiesta Day  
w/b 30.01. Y5 Learner Reviews  
06/07.02 KS2 Classes to  
Arnold Rd Church  
09.02. Aiming High Assemblies  
10.02. INSET & Break up for  
Spring Half Term Holiday

### **20.02. Back to School**

27.02. Arts Week  
28.02. Y5/Class Crusade In  
Harmony Concert  
02.03. World Book Day  
08.03. Whole School Art  
Exhibition  
13.03. Science Week  
17.03. Comic Relief Day  
29.03. Easter Discos  
31.03. Aiming High Assemblies  
and Break up for the Easter  
Holiday

**Back to school on Monday  
17<sup>th</sup> April**

## **Helpful Websites**

School Website  
Mathletics  
TTRockstars  
Daily 10

## **Homework**

- Learning Logs will be checked in class every Friday.
- Spellings will be set every Monday and tested every Friday.
- Children are expected to regularly access TTRockstars, practicing the tables they are working on.

