

Unit Title: What do we know about Earth and Space?

History
Y5
Summer 1

End Points:

Change

- The Space Race encouraged the promotion of Maths and Science education in schools

Cause and Effect

- The space race began because the USA and USSR (as it was known then) began building long-range rockets after World War II, which turned into a race to build missiles for space exploration.
- The USSR declared it would launch an artificial satellite in the near future, which USA responded with the intention to do the same.

Significance

- The Space Race had a significant impact on the world:
 - It spawned pioneering efforts to launch artificial satellites.
 - It prompted competitive countries to send unmanned space probes further afield to places such as the Moon, Venus and Mars.
 - The Space Race made possible human spaceflight in low Earth orbit and to the Moon.

End of unit outcome:

- What has happened as a result of the Space Race in schools?
- What was the cause and effect of the Space Race?
- Why the Space Race a significant global event?

Links:

Text – Cosmic – Frank Cottrell-Boyce

Prior Learning:

Key Aspects of the Unit:

Skills:



Knowledge:



Concepts (end points):



Key Knowledge:

- Children will understand the events, which lead up to the beginning of the Space Race
- Children will know that this was between the USA and the USSR
- Children will know that the USSR is now known as Russia
- Children will be able to create a timeline of significant events prior to the first moon landing
- Children will understand the significance of this event of space exploration to date

Historical Skills:

Historical Enquiry

- Children will construct informed responses that involve thoughtful selection and organisation about significant events in the build-up to the Space Race and how they have influenced space exploration today

Using Sources as evidence

- Children will understand how our knowledge of the past is constructed from a range of sources.

Constructing the Past

- Children can provide an overview of the most the significant events involved in the Space Race

Sequencing the Past

- Children will be able to create a timeline of events from the inception of the Space Race to the present day

Vocabulary

International Space Station	The ISS a space station that keeps moving in low earth orbit.
Sputnik 1	This was the first artificial Earth satellite.
Yuri Gagarin	He was the first man in space.
U.S.S.R.	The Union of Soviet Socialist Republics was transcontinental country that spanned much of Eurasia from 1922 to 1991.
Apollo 11	The space craft that went to the Moon.
Soviet	The former Soviet Union
Technology	a particular method of solving practical problems that comes out of research in science and industry.
Ballistic Missile	a long-range missile that reaches its target by falling freely at extremely high speed along a precalculated trajectory.
Satellite	Any object or body in space that orbits something else, e.g. the Moon is satellite of earth

