Title: **Life Above the Clouds...**	Project overview	Hook	Text(s)	Maths overview
Year group 5 Term 1b	The aim of this project is to learn all things space and investigate possible planet bs.	*Star Constellations and Space Landers* *Trip to Winchester Science Museum*	There's a Boy in the Girls' Bathroom Aliens - Pie Corbett (T4W text)	Multiplication and Division Perimeter and Area
Driving question *Is there a planet B?*	**Key Vocabulary** *Earth, Moon, Sun, planets, solar system, orbit, axis, rotate, day, night, universe.*	**Intended outcome** *By the end of the project, we hope to create our own planet which could sustain life!*	Resources	Areas of learning *Science* *ICT* *Geography* *Art*
How does learning build on prior understanding? Other year groups and other learning?	Content What will we learn?	Creativity How will we show our learning in different ways?	Ethos How does the project embed our values?	How will this project prepare for future learning?
Science: To infinity and Beyond (Year 1) Building on prior knowledge. **Art** *Marvellous, Mechanisms and Magical Machines! (Year 2)* *Investigating abstract artist Jackson Pollock.* *Scrumdillyumptious (Year 3)* *-Beginning to look at representing light and dark.* *Ruthless Romans (Year 5)* *Mosaics and how smaller pieces/shapes build together to make a picture* **ICT:** A New Discovery (Year 2) Railways and their driving force (Year 3) Warriors and Wild Water (Year 4) Beginning to use scratch and understand programming.	-To describe the movement of the Earth and the other planets. -Describe the movement of the moon relative to the Earths, -Use the Earth's rotation to explain the day and night. -To know the significance of latitude and longitude.	**Art:** *Pointillism art in the style of constellations* **Science:** *Create a class solar system and individual planets, thinking about whether they could sustain life.* **Geography:** *Using aerial images and google maps to investigate longitude and latitude.* **ICT:** *Programming a rocket game on scratch.*	*Don't forget community links too or people who embody those values* *To be resilient when creating and debugging a game.* *To be resourceful when creating our planets.* *To learn how we can respect the planet as human beings.* *To understand our responsibility on our planet.*	***Art*** *Noble Natural Historians (Year 5)* *Understanding the mixing of primary and secondary colours to help with colour matching* ***Science*** *Nutrition and Science (Year 6)* *-What do humans need to live?* *-Building a nation and considering what would make a good nation.* ***ICT*** *Light and Electricity (Year 6)* *-Programming and creating a quiz on Scratch.* ***History*** *Japan (Year 6)* *-Investigating artefacts to understand how we know things about the past.* *-Being able to compare a non-european civilisation to a european one.*