



**Year group: One**

**Term: Spring 2019**

**Project title: Record Breakers.**

**Project and Exhibition: "Can you make a spaceship for Beegu?"**

**Project synopsis:**

We are going to design, refine, and build a spaceship for Beegu to return to her planet. The research for their spaceship will include at record breaking space facts.

**Communicating learning:**

We will explain to another class what we have found out about different materials and which ones we chose to make our spaceships.

**Project outcomes:**

The project will involve testing and evaluating different materials to create their own spaceship for the character Beegu. The children's artwork about aspirations will be displayed at the Clarendon shopping centre in Hyde.

**Curriculum opportunities:**

**English:** We will write postcards, letters, and instructions for our alien friend Beegu. We will also retell Beegu's journey to Earth from her point of view.

**Maths:** We will practise using directional language and find out about what maths is used at NASA and the international space station. We will practise using different strategies for addition and subtraction.

**Science:** We will find out about space and the planets in our solar system. We will look at different materials and their properties. We will test different materials to see if they are waterproof.

**Humanities:** We will think about how we could describe where we live to an alien by exploring our local area. We will also discover famous people in space history like Neil Armstrong, Buzz Aldrin and Tim Peake and find our record breaking facts!

**Creative arts:** The children will create different textures and moods in their paintings of planets and space, using pastel and brush techniques learnt during arts week.

**STEM:** We will teach the correct and safe use of appropriate tools to join materials. We will add moving parts to the design of their spaceships.

**Coding** - We will create a series of instructions and plan journeys for Beebot around a map of Hyde and a map of Beegu's planet.

**Outdoor Learning:** We will explore our local area to compare it to different planets.

**Engagement Activity:**

We will work with an arts company to introduce the children to aspirational occupations like being an astronaut and thinking about their futures.

**Child initiated:**

Children to decide materials for their spaceship. They will look at different space vehicles and their features to help them design their own.

**How you can help:**

You can continue to support your child by supporting them in completing their homework, and regular reading.

Here are some links to find out about more about space

<https://www.bbc.co.uk/cbeebies/topics/space>

Tim Peake -

<http://www.bbc.co.uk/guides/z822hv4>