**Year 5 Project**

During this term the children have been working towards answering the Essential Question of ‘How can we convince people to relocate to the moon?’

This has included:

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| English  Rehearsing and writing Haiku poems.  Performing poetry  Sequencing, orally rehearsing and writing explanations on creating a moon biome  Sequencing and writing instructions on building a biome for a science experiment  Creating a mathematical fact file based on existing fact files  Creating a persuasive advert |
| Mathematics  Investigating larger, complex numbers including reading, writing and comparing them  Using multiplication skills to calculate the time taken to travel to various planets  Rounding large numbers to the nearest thousand, hundred thousand and million  Using calculator strategies to multiply complex numbers.  Understanding area and perimeter in terms of floor plans for the design of their moon house |
| Science  Understanding the similarities between plants and animals  Naming the features and conditions needed for plant growth  Planning a science enquiry investigating how a plant may grow in different conditions  Observing and record changes in plant growth over a period of time  Selecting different variables of which to test  Drawing conclusions surrounding their science investigation including next steps and improvements. |
| Computing  Using a range of apps to support understanding and reasoning across the project.  Using and select a range of apps to build floor plans  Geography  Investigating localities and human influence on settlements  Investigating how settlements alter over tie  Reading maps and feature spotting  Investigating essential amenities crucial to survival.  Investigating survival skills  RE  Studying in brief, the 6 main religions.  Comparing and contrast the six main religions.  SMSC  Exploring a range of faiths and diverse cultures  Secrets of Success  Trying new things when attempting to convince people to buy property on the moon  Understanding others when listening to the retelling of stories and poems |

**Experiences to enhance the learning have been**

- An interview with a future astronaut as part of a Google Hangout with Virgin Galactic

- A trip to the National Space Centre

- A visit from Lego Townplanners to help plan their moon town

- An opportunity to listen to Tim Peake live from the international Space Station

**The final project has been**

A sales pitch to convince people to relocate to the moon.