

## Year 5 Term 1 – Take Home Challenges... What will you choose?

### Gatwick to Galaxy: What does the future hold?

#### **As Authors...**

Write your very own rap or poem about the solar system. You may want to focus on helping people to learn the order of the planets from the Sun.

#### **As Speakers/Performers...**

Create a drama sketch with the help of a friend/family member about an alien meeting a human for the very first time.

#### **As Readers...**

Discover what Gatwick airport is like from the perspective of a child by accessing:  
[www.globalmousetravels.com](http://www.globalmousetravels.com)

#### **As Scientists...**

Create a space quiz for adults. Using your knowledge of space, design a set of question cards to challenge your parents, carers, learning coaches and teachers.

The people of planet Earth have voted for you to be the new ruler of the Moon. How will you convince others to move to the moon with you? Create a persuasive poster/presentation.

#### **As Designers...**

Design and make your very own passenger spacecraft which could transport people to the farthest reaches of space.

Imagine what Gatwick airport will look like in year 2350. Design a poster which can be used to promote your futuristic airport. Be as imaginative as you can!

Aliens can travel to planet Earth for their summer holidays. What would an alien have in their suitcase?

#### **As Historians/Geographers...**

Find out about the 'Wright Brothers' and write a short list of key facts. Teach a friend or family member about why they became pioneers.

Using aerial images of Gatwick airport to help you, can you create a map of Gatwick airport for children. You may wish to draw your poster by hand or use a computer.

#### **As Mathematicians...**

Find out how many people travel from Gatwick airport each year? Calculate how many people therefore travel each month, week, day etc.

Make your very own set of 'top trumps cards' for the planets in our solar system. Include important statistics such as: distance from the sun, diameter, population etc.

#### **As Children...**

Explore space by having a go at stargazing with a family member. Use the following link to help you identify the different constellations:

<https://www.bbc.co.uk/cbeebies/shows/stargazing>

Help an adult to prepare a meal for your family. Take a photo of your fantastic cooking and let us know about the skills you have learned.

**In Year 5 we challenge you to choose 3 Take Home Challenges to complete. When completed tick off your challenge and bring your completed challenge to school to be celebrated in our classroom.**

**As a guide we would like ALL children to try and complete 2 challenges each half term.**