

**Home Learning!**

Maths and English/Topic will be set weekly. Spellings, reading and times tables should be practised on a daily basis.

This half termly homework project will be creating a vehicle which could explore a planet, for example something similar to the Mars rover. What would your vehicle look like? How would it drive over different terrain? Children can choose how they wish to present this. **Due 16.12.19**

In maths we shall be developing our knowledge on fractions, decimals and percentages. We will look at the connections between them and how to convert them.

We will also be adding and subtracting fractions, converting mixed numbers and top heavy fractions and vice versa.

In addition to this, we are going develop our knowledge of angles, including angles in a shape and finding missing angles.

Children will also be recapping methods and times tables.

We shall be focusing on the book ‘Cosmic’ and using our topic as a stimulus.

Later in the half term, we will be looking at poetry including ‘The Highwayman’. In addition, we will be creating stories using a flashback in time.

Key grammatical skills include: revising sentence structure and the use of simple, compound and complex sentences; exploring the use of dialogue in narrative and the different forms this can take; the use of relative clauses as well as use of parenthesis.

**“Out of this World”**

**English**

**Maths**

For our topic this half term, we are looking at Space and the Planets. This topic will be very cross-curricular and children will be learning about Space in a variety of different lessons. We will be investigating and researching different parts of our solar system and finding out what an astronaut has to do to complete their training, along with lots of different Space based tasks.

In history, we will be learning about the history of Space travel and how it has changed throughout the years, including the moon landings through to the Mars rover.

In science, we are learning about the planetary system rotations and positions. We will also be looking at forces in the context of Space. Through these scientific topics we will be collecting data and using that data to create accurate graphs and charts.

This term we are linking our PSHE and our DEAR time to our class book which is Cosmic by Frank Cottrell Boyce. Children will explore the themes of growth mindset and resilience.

Autumn Two

**Year 5 Curriculum News**