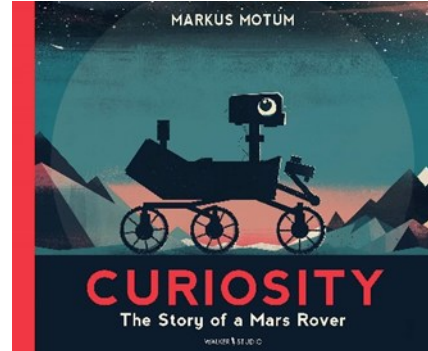


Year 5 Curriculum Autumn Term

English

In English, children will be looking at the book, *Curiosity: The Story of a Mars Rover* by Marcus Motum. Through this book, they will learn about space exploration and build links with their topic work. We will be building on the skills learnt last year of narrative writing as well as newspaper reports.



Children will continue to be encouraged to read at home to foster that love of reading and we will encourage children to make use of the new book nook in our area to support this. In class, we will develop inference skills and continue to build on our ability to understand unfamiliar words in

Maths

In maths, the children will continue to develop their understanding of the place value and the four operations of addition, subtraction, multiplication and division.

They will continue to build upon the skills that they developed last year, using a range of methods to explore mathematical concepts and justifying their answers and ideas using mathematical language.

The most important thing to develop fluency is the rapid recall of times tables and other facts such as prime and square numbers- so practise regularly.

Topic: Space

During this half term, the children will explore various aspects related to the topic of space.

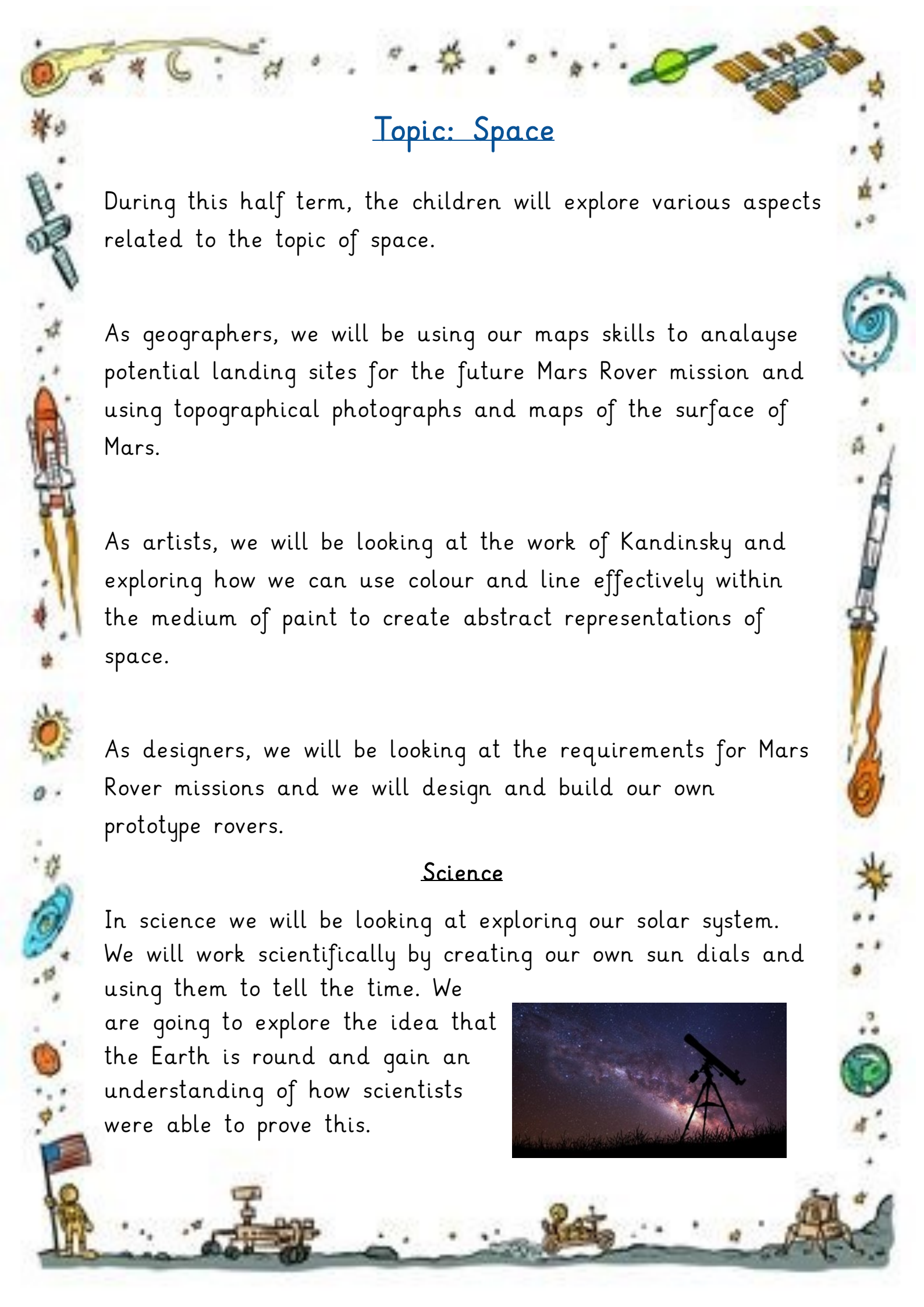
As geographers, we will be using our maps skills to analyse potential landing sites for the future Mars Rover mission and using topographical photographs and maps of the surface of Mars.

As artists, we will be looking at the work of Kandinsky and exploring how we can use colour and line effectively within the medium of paint to create abstract representations of space.

As designers, we will be looking at the requirements for Mars Rover missions and we will design and build our own prototype rovers.

Science

In science we will be looking at exploring our solar system. We will work scientifically by creating our own sun dials and using them to tell the time. We are going to explore the idea that the Earth is round and gain an understanding of how scientists were able to prove this.





Other Curriculum Areas

Computing:

In computing this term, the children will use ICT to develop and support their learning in their topic work. We will be learning key skills associated with Google Classroom to support homework tasks.

Alongside this we will be focusing on E-Safety and raising the children's awareness of how to remain safe when online. We will also be developing the children's understanding of their own digital footprint and the impact that this can have on their future.

PE

We are very lucky to be working with Commando Jane this term. She is going to work with the children to build up their physical strength and stamina while partaking in activities that require them to think logically and solve problems as part of their training to become an astronaut.



French

In French, children will be learning how to use directions and talk about the things that they may find on the high street. They will be developing their ability to use vocabulary that they have learnt to hold a conversation with their peers.

RE

In RE, we will be exploring the importance of place of worship for a range of faiths.



Homework

Homework is an important part of Year 5, and will support the children's progress by giving them an opportunity to consolidate their understanding of new concepts and practice their skills.

Homework will be sent out on a Friday and should be returned by the following Thursday.

Homework will be sent out via Google Classroom which can be accessed using the pupil portal at the bottom of the Wyken Croft website or by following this link:

<https://accounts.google.com/>

Children will receive weekly:

- Maths - a times tables / arithmetic fluency skills task
 - Spellings (our weekly test is on a Friday)
- Throughout the year, we will also post other tasks related to our topic or to support learning in other subjects within school.

Children are also expected to read regularly to an adult- this can be a novel or non-fiction book or magazine.

Other useful links:

www.play.edshed.com/en-gb/login

www.ttrockstars.com

