

Year 5  
Spring 1

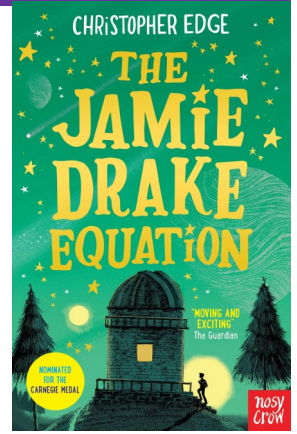
Space, stars  
and stories



# English

## Reading

Our class text is 'The Jamie Drake Equation' by Christopher Edge. It is about a boy called Jamie, whose dad is orbiting the earth in the ISS. He really misses his dad and picks up a signal whilst at his local observatory on his phone. Alien life is getting closer to home and Jamie has to help when his dad's mission goes wrong. The skills we will focus on this term are: inference, vocabulary and adding more detail into 'explain' style questions within reading.



## Writing

This term, we will be learning to write a non-chronological report all about the International Space Station, using factual and informative language. Later on in the term, we will be writing our own science-fiction stories, focusing on using dialogue accurately. We can't wait to read all the exciting stories the children produce!

## Tier 2 vocabulary

Tier 2 vocabulary are words that are used in many situations and contexts. This term, your child will learn the meaning of the following words in some of these contexts:

dedicate   deprive   hazy   homonym   intercept   monarch   numerous   occasion   pardon   portable  
provide   rigorous   senseless   solar   soothe   stationary   suspend  
synonym   withdraw

## Spellings

Practise your spellings at least 3 times per week on [Spelling Shed](#).

Suffix 'able'	Adverbs of Time	'fer'	Silent letters	Silent letters	Challenge words
changeable	afterwards	referring	knight	doubt	amateur
noticeable	immediately	preferred	wreckage	island	ancient
manageable	earlier	transferring	writer	lamb	awkward
agreeable	eventually	reference	knowledge	solemn	criticise
knowledgeable	previously	referee	knuckle	thistle	excellent
replaceable	finally	preference	wreath	autumn	foreign
microwavable	recently	transference	pterodactyl	build	pronunciation
salvageable	yesterday	difference	mnemonic	receipt	symbol
irreplaceable	tomorrow	inference	wrestler	ascend	yacht
rechargeable	whilst	conferring	knife	disciple	equipment

Practice  
Makes  
Perfect

# STEM

## Maths

This term, we will be learning about the following: multiplication and division, including a written method for long multiplication; multiplying fractions; and converting between fractions, decimals and percentages. As always, times tables form the basis of so many other areas of maths. Children should practise their times tables at least 3 times weekly on [Times Tables Rock Stars](#).

## Science

This term, we will be learning about Space. The children will research the planets, the heliocentric model of the solar system, explore different theories about space and research the International Space Station.

## Computing

We will be learning about 'Selection' in Physical Computing.

## Physical Education

This term, your child will be learning about gymnastics and conditioned games, where they will practise skills used in a number of team sports. Children should come to school dressed in their PE kit on PE days. PE kit includes a purple t-shirt, plain black shorts/jogging bottoms, trainers/plimsolls and a purple fleece. PE days are:-

**Rembrandt: Tuesday and Thursday**

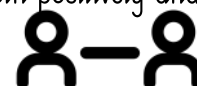
**Rubens: Thursday and Friday**

**Practice  
Makes  
Perfect**

# Personal Development

## Personal, Social and Health Education

This term, our learning will focus on how and why we should protect the environment and why we should show compassion towards others. We will also explore digital resilience and how social media/technology can influence our lives both positively and negatively.



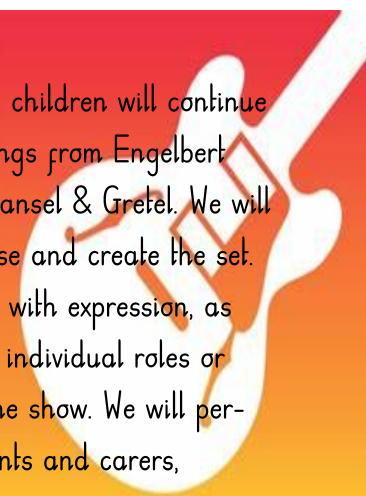
# The Arts

This term, we will be developing our mechanical skills by creating a model with a moving part. The children will learn how differently shaped cams affect movement.



## Music

In Music this half term, children will continue to explore and learn songs from Engelbert Humperdinck's Opera Hansel & Gretel. We will plan the scenes, rehearse and create the set. We will work on singing with expression, as well as having our own individual roles or responsibilities within the show. We will perform the Opera to parents and carers.





# Humanities

## History

We will be learning about the Vikings. We will explore what Viking life was like including clothes, work and artefacts. The children will also explore long boats. They will analyse a range of sources to find out about the Lindisfarne Raid, then theorise why the Vikings came to Britain, and why they were so successful.



## Religious Education

In RE, we will learn about 'Justice and Poverty'. We will learn about how faith can make a difference and explore different religious based charities.

# Homework

**Reading** — at least 5 times per week, please record in your planner.

**Spelling Shed** — at least 3 times per week.

**Times Table Rockstars** — at least 3 times per week.

**MyMaths** — at least once a week

## Optional tasks:

- Create a model of the planets/solar system/anything space related.
- Write a diary entry from the point of view of a Viking warrior, showing what Viking life was like.
- Create a nameplate in modelling clay using the Viking runic alphabet.

# Enrichment

## Trips and Visitors

Please find a list of anticipated trips and visits to enrich your child's learning. These are not all finalised and will be dependent on availability nearer the time. We are acutely aware of the increasing financial pressures on families; therefore, we want to provide you with an overview of potential costs for the year. When trips are organised, you will be provided with a clear financial breakdown of the subsequent costs. Parentpay has the ability to be used as a savings account.

**Spring 1** — Trip to Bedford School Observatory (optional trip, no cost)

**Summer 1** — River Trip (no cost)

**Summer 2** — Residential to Conover hall (approx. cost £500), RNLI visit to school (no cost)