

YEAR 4 - AUTUMN 1

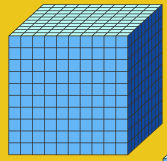
HOW DOES OUR PLANET WORK?

Maths

Place Value

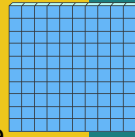
10000

- represent numbers to 1000
- Number lines to 1000
- Partition and flexibly partition numbers to 1000 and 10,000
- Find 1, 10, 100, 1000 more or less
- Roman numerals
- Round to the nearest 10, 100, 1000



Addition and Subtraction

- add and subtract in 1s, 10s, 100s and 1000s
- add two 4 digit numbers: without exchange, 1 exchange and more than one exchange
- subtract two 4 digit numbers: without exchange, 1 exchange and more than one exchange
- estimate
- checking strategies



RE



Gospel: What kind of world did Jesus want?

- What does the vicar of a church do?
- understand that a 'Gospel' tells the story of the life and teaching of Jesus
- make links between 'good news' of the Bible and how some people live to show this
- give examples of how Christians try to show love to all
- how do clergy follow Jesus' teaching?
- link Bible stories and the importance of love and life in the world

¡ADIOS!

Spanish

Dates in Spanish

- Numbers to 31 and months of the year
- Dates and festivities
- Answering the question "When is your birthday?"



DT

Catapults

- Use Chromebooks to gather information on the history of the catapult. Sketch a catapult and consider the materials. Shining a light on Roman inventions.
- Label a diagram of a catapult with the mechanical names and discuss the functionality of a catapult.
- Evaluate 3 designs. Create own design for catapult
- Create a catapult selecting suitable materials.
- Test our catapult, focusing on measuring the length and trajectory of the shot. Modify the design to improve performance.
- Evaluate final product



PSHE

Me and my Relationships

- Describe 'good' and 'not so good' feelings and how feelings can affect our physical state.
- Explain what we mean by a 'positive, healthy relationship'.
- Recognise that there are times when they might need to say 'no' to a friend. Describe appropriate assertive strategies for saying 'no' to a friend.
- Demonstrate strategies for working on a collaborative task.
- Identify a wide range of feelings. Recognise that different people can have different feelings in the same situation.
- Demonstrate a range of feelings through their facial expressions and body language.
- Give examples of strategies to respond to being bullied, including what we can do and say.



Music

Rock and Roll

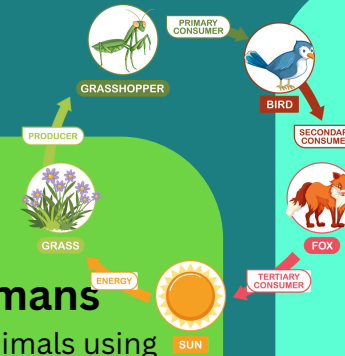
- understand the history of rock and roll music.
- sing in tune and perform actions in time.
- play the notes of the walking bass in the correct sequence.
- play a walking bass line on tuned percussion.
- play a rock and roll bass line.



Science

Animals Including Humans

- Create food chains for plants and animals using scientific vocabulary.
- Identify and name parts of the human digestive system. Label and recreate the digestive system.
- Explore the functions of the digestive system.
- Explain how a piece of food travels through the digestive system.
- Class trip – The Science Museum – 'It Takes Guts' Workshop
- Identify the different types of teeth in humans and their simple functions.
- Compare the effects of different liquids on 'teeth' and to provide reasons for this.



Computing

Computing Systems and Networks

- Recognise how devices and networks connect to form the internet
- Describe what websites are, where they're stored, and who owns content
- Spot online risks (pop-ups, spam, fake sites) and know not everything online is true
- Respect others online and understand why age restrictions exist



PE

Dance and Health & Wellbeing

- Understand the role agility plays in sport and develop ways to move at speed.
- Understand the importance of balance in sport and demonstrate a range of balances
- Create a whole class agility, balance and coordination circuits so that we can improve our personal best.



English

Texts

Overheard on a Salt Marsh
The Miraculous Journey of Edward Tulane

Guided Reading

Stig of the Dump

Spellings

Statutory word list
vowel suffixes
consonant suffixes
tion, sion, ssion, ation, cian

Handwriting

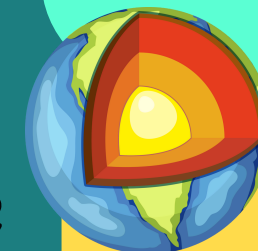
Secure the use of the diagonal and horizontal strokes that are needed to join letters. Increase the legibility, consistency and quality of handwriting e.g. by ensuring that the down strokes of letters are parallel and equidistant.

Grammar & Writing

Poetry: free verse
vocabulary development

Narrative: characterisation through dialogue

Fronted adverbials
Direct speech
Expanded noun phrases



Geography

Volcanoes

- How is the Earth constructed? Understand the layers of the Earth.
- Why are there volcanoes and where are they? - Locate volcanoes around the world and where they are formed.
- What are volcanoes? - Learn how a volcano is constructed.
- Why do volcanoes erupt and what are the effects? Understand the causes for volcanoes erupting and the impact they have.
- What are earthquakes and where do we get them? Understand why and where earthquakes occur.
- Pompeii & Vesuvius Case Study

