

# YEAR 4 - AUTUMN 2

## HOW DOES OUR PLANET WORK?

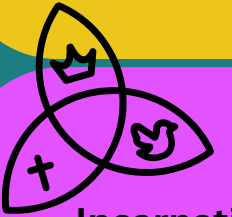
### Maths

**Area**

- What is area?
- Count squares
- Make shapes
- Compare areas

$A = bh$

- Multiplication and Division**
- Multiples of 3
  - Multiply and divide by 6
  - 6 times-table and division facts
  - Multiply and divide by 9
  - 9 times-table and division facts
  - The 3, 6 and 9 times-tables
  - Multiply and divide by 7
  - 7 times-table and division facts
  - 11 times-table and division facts
  - 12 times-table and division facts
  - Multiply by 1 and 0
  - Divide a number by 1 and itself
  - Multiply three numbers



### RE

#### Incarnation/God - What is the Trinity

- Know that John is another 'gospel'; to note some differences between the beginning of John and other gospels
- Understand what these texts (John 1) mean to Christians today
- Understand what Christians believe about the incarnation and the Holy Spirit; and the difference this makes to how they live
- Develop an understanding of what Christians believe about the incarnation and the Holy Spirit.
- Clearly express their own ideas about God.



### Spanish

#### Pets

- Adjectives and characteristics of different animals

### Art

#### Cloth and paint

- Explore how Hannah Rae and Alice Kettle combine media and use them in unusual ways to make art.
- Finding marks through drawings made by artists. We use our sketchbooks to test ideas and explore colour and mark making.
- Choosing inspiration: tsunamis, earthquakes or volcanoes, to use paint to create a background on fabric.
- Use thread and stitching to create textural marks over the top of my painted canvas.
- Completing our artwork. We will work with a partner to share our work and share thoughts about the process and outcome.
- Share our feedback on the work of others.

### RESPECT

### PSHE

### RESPECT

#### Valuing Difference



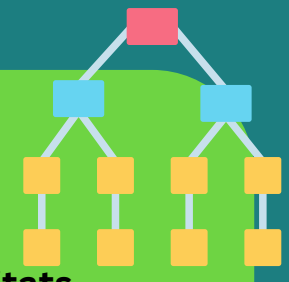
- Understand the need to manage conflict or differences and suggest ways of doing this, through negotiation and compromise.
- List and discuss some of the ways that people are different to each other (including ethnicity, gender, religious beliefs, customs and festivals).
- Discuss the importance of respect and demonstrate ways of showing respect to others' differences.
- Understand and identify stereotypes, including those promoted in the media.
- Recognise different types of relationships with people.
- Understand the right to protect personal body space and come up with people we can talk to if we feel uncomfortable with other people's actions.



### Science

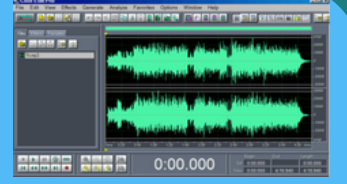
#### Classification and Habitats

- Group living things in a variety of ways based on their similarities and differences.
- Identify, group and classify vertebrate species.
- Make careful observations in order to classify invertebrate species.
- Classification keys: To develop criteria to identify, group and classify a range of animal species using
- Conduct observations in order to analyse positive and negative influences on living things in our local environment. Shining a light on Cindy Looy (Environmental Change and Extinction)
- Use scientific evidence to answer questions about endangered living things.



### Computing

#### Audio Editing



- Identify that sound can be digitally recorded.
- Use a digital device to record sound and play sound back
- Plan and write the content to a podcast and explain that a digital recording is stored as a file.
- Edit an audio file.
- Combine sounds and include this in our podcast.
- Evaluate a podcast and suggest improvements and strengths.



### PE

#### Gymnastics

Rolls, balances, vault and ropes



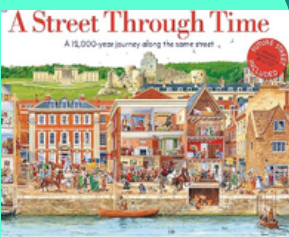
#### Netball

Prepare dance for the Rickmansworth dance festival

### English

#### Texts

A Big Book of the UK  
A Street Through Time  
Roman Soldiers



#### Spellings

-tion and -ation endings  
vowel diagraphs in Year 3/4 statutory word list  
Prefixes: dis-, mis-, in-, im-, il-, ir-, anti-  
Prefixes: sub-, inter-, super-, re-, auto-  
review or sound spelt: ore, aw and other variations

#### 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

##### Non-chronological Reports

To write a page for an information book  
Use third person  
Use cohesive devices to add information, to emphasise, and to compare  
technical vocabulary  
articles (a, an) and possessive pronouns



### History

#### Romans

- Discover where the Roman Empire began, how it expanded, and give an account of Claudius' invasion of Britain
- Learn what Roman soldiers wore and carried, why the army was powerful, and compare with soldiers today
- Explore Roman family life, discover what a Roman villa looked like, and consider how the Romans protected their empire, including Hadrian's Wall
- Understand how the Romans changed Britain and the impact they still have on modern life in the UK
- Take part in an educational visit to St Albans' Verulamium Museum to explore ancient artefacts and compare Roman life with today.

