Geography

Children will...

* Explain what a natural resource is
* Identify natural resources available in the UK
* Describe how natural resources are used in the UK
* Explain how electricity is distributed in the UK
* Describe how fossil fuels are used to generate electricity and the negative effects of fossil fuels
* Identify renewable and non-renewable energy sources
* Explain what food miles are
* Use the internet to research locally grown produce
* Explain where our drinking water comes from
* Discuss why we shouldn’t waste water
* Using the knowledge we have gained, suggest how we can make sure we have enough resources for everyone

So that they…

Know examples of renewable energy

Explain how electricity is generated in the UK

Describe the pros and cons of energy sources

English

Children will:

* Read and analyse ‘The Arrival’ by Shaun Tan, ‘Windrush Child’ by Benjamin Zephaniah and ‘Can We Sve The Tiger’ by Martin Jenkins
* Plan and write a narrative re-telling for ‘The Arrival’
* Read a variety of fiction and non-fiction texts and answer comprehension questions precisely and in a timely manner
* Understand the purpose and audience of different genres
* Learn and apply a range of Y6 grammar and spelling techniques
* Improve the legibility of their handwriting and accuracy of spelling
* Proofread, edit, and improve their writing according to Y6 expectations

So that they...

enjoy reading

develop and apply key reading skills

improve their reading fluency and stamina

answer comprehension questions with accuracy

write competently

consider the purpose and audience when planning their writing

recognise and self-select features suitable for different genres

assess the effectiveness of their and other’s writing

Maths

Children will:

* Explore and begin to understand area, perimeter and volume
* Understand the place value of integers and decimals
* Find the area of different types of triangles
* Find the area of a parallelogram
* Multiply and divide decimals by integers
* Calculate the volume of a cuboid
* Understand percentages
* Convert tractions to percentages
* Understand and apply equivalent fractions, decimals and percentages
* Order fractions, decimals and percentages
* Calculate percentage of an amount
* Calculate missing value with percentages – missing values
* Continue to practise mental arithmetic strategies
* Develop robust problem solving and reasoning skills through group activities
* Revise topics already covered in Year 6 through problem solving and reasoning questions

So that they...

understand a wide range of complex mathematical concepts and solve problems using a variety of skills and knowledge.

work quickly and efficiently.

Teacher: Rumana Amber Class Forecast Year 6 Term 2:2 2024

Physical Education

Children will:

* Take part in cricket sessions **(Friday)**
* Take part in swimming sessions **(Tuesday)**

So that they...

consolidate their understanding and ability to effectively apply a range of batting and fielding skills and tactics in tournaments

swim competently, confidently and proficiently over a distance of at least 25 metres

use a range of strokes effectively

RE

Children will:

* Explore the enquiry question: Is it better to express your religion in arts and architecture or in charity and generosity?

So that they...

describe and make connections between examples of religious creativity (buildings and art)

show understanding of the value of sacred buildings and art

suggest reasons why some believers see generosity and charity as more important than buildings and art

Evolution and Inheritance

Computing

Children will:

* Explain that computers can be connected together to form systems
* Recognise the role of computer systems in our lives
* Recognise how information is transferred over the internet
* To explain how sharing information online lets people in different places work together
* To contribute to a shared project online
* Evaluate different ways of working together online

So that they...

design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts

understand computer networks, including the internet; how they can provide multiple services

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

ART

Children will:

* Explore current and previous plinth commissions
* Design their own Public Art sculpture
* Make and present a Public Art design ready for competition
* Explore Street Art and graffiti tags
* Experiment with meaning and message in Street Art

So that they...

know the differences and similarities between public art and street art

use various art media for specific effect

create a competition ready application for public art

PSHE

Children will:

* Know the health risks of smoking
* Understand the risks of misuse of alcohol
* Know when and how to put into practice basic emergency aid procedures
* Understand the effects of media and celebrity culture on body image.
* Describe the different role food can play in people’s lives

So that they...

understand what makes a healthy lifestyle

Science

Children will:

* Explore and learn about animals, including humans (growing up)
* Describe the major stages of human life
* Learn to record data and analyse the rapid changes that happen in the 1st year of human life
* Explore the effects of old age on the human body
* Learn about gestation period of humans
* Compare animal gestations

So that they can:

recognise that living things have changed over time and that there are different stages to human and animal life.

Name the 6 stages of human development

Analyse and report finding in written explanation