

ENGLISH

It is always the intention, in English lessons, to give the children a broad range of varied text types to read and understand.

When writing, children will always be encouraged to plan, draft and proofread their work. They are trained to think of the Audience and the Purpose of their writing, before deciding upon the Form that the writing will take. When reading, pupils will learn to articulate personal responses, and will become familiar with the work of some established authors. Pupils will be set weekly spellings, on which they will be tested.

English work in Year 6 during the Christmas Term will include:

- Writing their own poems, experimenting with active verbs and personification;
- Journalistic writing, which will be based around the year 6 residential trip;
- The features of play scripts;
- Biography and autobiography;
- Non-chronological reports;
- Narrative writing, to be able to plan quickly and effectively the plot, characters and structure of their own story.

Pupils are expected to read independently, both at home and at school, although their English teacher will advise upon suitable texts.

GEOGRAPHY

'Coastal Environments'

Factors which affect wave size and strength are looked at and the names of the world's major seas and oceans are learnt;

The processes of erosion, transport and deposition are revisited from the Year 5 topic on rivers;

The processes of coastal erosion is investigated during their visit to Osmington Bay, as is the formation of various landforms in relation to rock type;

The causes and effects of cliff collapse, weathering and earth movement are studied with reference to UK case studies;

The study of coastal erosion leads to an exploration of how coastlines can be managed via the use of various engineering strategies;

The effects of this management on either side of the protected area are examined;

The reasons behind the concept of global warming are studied and the anticipated impact upon the coastal regions of the UK is developed.

MATHEMATICS

Number and algebra:

Rounding a decimal to a whole number

Multiplying and dividing whole numbers by 10 and 100

Doubling and halving

Multiplication of 2 and 3 digit numbers by 1 or 2 digits

Fractions of quantities

Converting a fraction to its simplest form

Ordering fractions by converting to a common denominator

Addition and subtraction including decimals

Divisibility tests - 2,3,4,5,6,9,10

Listing factor pairs up to 100

Square and triangle numbers

Recognising prime numbers

Converting between the 12 and 24 hour clocks and between time zones

Division giving the quotient as a decimal

Shape and space:

Measuring and calculating angles on a straight line and at a point

Angle sum of a triangle

Imperial and metric units of length, weight and capacity/volume

Data handling:

Grouping data to construct a frequency table and frequency diagram

Interpreting a pie chart

Introducing mean and median as types of averages

HISTORY

EXPLORATION

The world in 1492.

Christopher Columbus.

The Caribs.

Spanish conquest of Mexico.

Aztec way of life.

English/Spanish rivalry

The Spanish Armada.

Independent research project of a famous explorer of the child's own choice.

SCIENCE

The science taught from year 6 covers the 13+ Common Entrance Syllabus.

Investigative Science Skills

During the early weeks of year 6, pupils will be assessed for their practical skills which will include writing up full scientific investigations.

Cells

Using a microscope to study cells.

Learning the names and functions of cell organelles.

Life Processes

Studying the Seven Life Processes that indicate that an organisms is living. The pupils will apply these processes to a variety of organisms, from single-celled to complex organisms.

Microbes

Studying microbes, both harmful and beneficial. Looking at the use of microbes in industry.

RELIGIOUS EDUCATION

Year 6 will begin with a review of the Common Entrance Syllabus after which the following texts will be studied :-

Beliefs about Jesus.

Jesus & the outcasts [The call of Levi, Zacchaeus & the woman who washed Jesus' feet.]

The Parable of the Good Samaritan and its relationship with contemporary issues.

A mini project on Christian Pilgrimage.

FRENCH

- Meeting & greeting
- Visiting different towns and countries
- Family members and the home
- Months and dates
- Discussing pets
- Likes & dislikes
- Clothes and presents
- Adjectives
- Prepositions

LATIN/SPANISH

LATIN

- Meeting and greeting
- The family
- Adjectives/Gender
- Connections

SPANISH

- Sounds of Spanish/alphabet
- Saying who you are
- Classroom vocabulary
- Numbers
- Age

DESIGN TECHNOLOGY

During this term, pupils will undertake a variety of activities to develop knowledge, skills and understanding through:

- Investigating and evaluating a range of familiar objects and products
- Focused practical tasks that develop a range of techniques, skills, processes and knowledge
- Design and make assignments using a range of materials.

Pupils gain further experience of the structure and working properties and techniques by designing and making wooden sculptures, designing and making fancy sandwiches, stir fry dishes and examples of food packaging.

PE AND GAMES

BOYS

- 5 lessons of Football
- 1 lesson of Gymnastics
- 1 lesson of Swimming

GIRLS

- 5 lessons of Hockey
- 1 lesson of Gymnastics
- 1 lesson of Swimming



ART

Pupils record from direct observation and develop drawing, painting and design skills. They explore the use of mixed media and expand their knowledge and use of colour theory. They also work collaboratively on seasonal items and explore the use of design and lettering.

INFORMATION & COMMUNICATION TECHNOLOGY

Files and Folders

Children are reminded about organising their folders, the importance of saving work carefully with suitable names and introduced to different file types.

Multimedia presentation (Microsoft PowerPoint)

Children plan and design a multimedia presentation for a particular audience utilising, text, images, sounds and animation.

MUSIC

Cyclic patterns - involving the exploring of rhythm and pulse with particular reference to South Asian music.

Roundabout - a name given to the singing and playing of rounds. This is designed to create an awareness of harmony.

Note: some time will be given to the learning of songs for the School Musical.



CURRICULUM BOOKLET

ST PIRAN'S SCHOOL
MAIDENHEAD



YEAR 6
CHRISTMAS TERM
2010