

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 proof read their work. They are trained to think of their Audience and the Purpose of their writing before deciding on the Form that the writing will take.

Weekly spellings will continue to be set and tested.

English work in Year 5 during the Christmas Term will include, among other topics:

- story openings;
- presentation and development of character;
- play scripts;
- poetic styles used by significant poets;
- Recounts, based upon the Residential Trip;
- Instructional texts.

Pupils are expected to undertake their own independent reading, both at school and at home, however their English teacher will advise upon suitable texts.

GEOGRAPHY

'River Environments'

The processes relating to the water cycle are learnt and the features common to all rivers are studied;

An increasing use is made of map work skills in relation to the topic and the world's major rivers are learnt;

The changes in river characteristics from source to mouth are explored during their week at Osmington Bay, as well as the different processes of erosion, transport and deposition which lead to the formation of various river landforms;

Factors which increase the risk of flooding, both in the UK and Bangladesh, are examined, as are the effects upon the peoples and environments;

The importance of wealth in the management of river environments is scrutinised and comparisons between the two countries are made.

MATHEMATICS

Number:

Recognise place value in large numbers

Read, write and order large numbers

Compare numbers using '<' and '>'

Doubling and halving

Multiply numbers by 10 and 100

Multiplication of two and three digit numbers by a single digit

Equivalent fractions

Mixed numbers and improper fractions

Addition and subtraction

Patterns in number sequences

Divisibility tests - dividing by 2,3,5,10

Number sequences, including odds and evens

Calculator skills

Shape and Space:

Recognising lines of symmetry in regular polygons

Properties of regular and irregular polygons

Properties of quadrilaterals

Angles in 2D shapes

Data handling:

Collecting data using tally charts

Drawing bar charts and line graphs including for grouped data

RELIGIOUS EDUCATION

The term will begin with Bible referencing skills and the identification of types of writing to be found in the Bible.

The pupils will be introduced to the Common Entrance Syllabus, moving on to study the following biblical texts :-

Creation.

Adam and Eve.

Cain and Abel.

Advent and the Nativity.

SCIENCE

Solar System.

The children will be able to recognise that the Earth, Moon and Sun are spherical. They will study how shadows change during the day, look at day and night, and plot data on graphs about sunrise and sunset times. The children will also discover how the Northern and Southern Hemisphere get their seasons. The children will have the opportunity to research the Solar System in prep sessions in order to create a Space Project.

Electric Circuits.

Children will suggest ways of changing the brightness of a bulb in a circuit. They will draw circuit diagrams and construct circuits from diagrams using conventional symbols. The children will have the opportunity to construct a range of series and parallel electrical circuits which relate to real life examples. Children will explore a plug and understand the term resistance when studying a fuse.

Forces.

The children will study forces in action. They will explore the forces of friction, air resistance and water resistance. The children will develop their understanding of balanced and unbalanced forces and how objects move at a constant speed. Children will plan, carry out and evaluate scientific investigations during this topic.

School Exams

Expectation that most children will confidently answer questions on the KS2 syllabus covered so far.

History

THE NORMANS

- Norman origins.
- Norman invasion of England.
- Battle of Hastings.
- William the Conqueror.
- The life of a knight.

FRENCH

- Meeting & greeting
- Numbers
- Descriptions of animals
- Expressing likes and dislikes
- Plurals
- Simple opinions

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.

Graphic Modelling

Pupils look at a number of artists work using their works as inspiration to produce a variety of computer generated pictures . They will:

- crop, move, rotate, resize images and shapes
- manipulate images and shapes to give a layered effect
- use geometric tools to create objects

MUSIC

South Asian Music - will be studied with a view to creating rhythmic patterns and showing an awareness of timbre and duration.

Roundabout - developing an ability to hold a melodic line in a two-part round and to gain some appreciation of the harmonies involved.

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

PE AND GAMES

BOYS

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

GIRLS

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



ART

Pupils experiment with a range of media to produce pictures and record from experience and imagination. They study the life and work of Wassily Kandinsky and produce paintings in his style. We use a variety of materials to produce seasonal items.

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 may design and make cars which are powered by rubber bands, making food products that include ingredients that liquefy when heated and develop skills associated with baking and develop sewing machine techniques to make pictures and seasonal decorations using textiles.



CURRICULUM BOOKLET

ST PIRAN'S SCHOOL
MAIDENHEAD



YEAR 5
CHRISTMAS TERM
2010