

St. Paulinus Catholic Primary School

Inspiring all to live, learn and love in the light of Jesus.

"I am the light of the world; whoever follows me will never walk in darkness but will have the light of life."

cf John 8:12



5th September, 2017



Dear Parents / Carers

Year 5 - Autumn Term Curriculum Letter

Welcome back after the summer holidays! We hope that you have all enjoyed your summer break and are looking forward to the academic year ahead.

Year 5 Staff :

Class Teachers:	Mrs. N. Scholey & Miss C. Douglass
Additional Teacher:	Mrs. A. Garforth
Support Assistants:	Mrs. L. Hibbert, Mrs. T. Smith, Mrs L. Bellwood & Mrs J. Nash

This term we are looking forward to lots of new and exciting things again.

Our topic this term is 'Infinity and Beyond', where we will be learning all about space.

The topic will extend through many subject areas including English, Science and Geography.

Our topic will use many writing skills resulting in children writing their own adventure story. Children will have the opportunity to use their artistic skills this term along with their design skills to plan, design and make their own space buggies. This is a very exciting topic drawing on many skills with lots of fun and meaningful activities enabling this topic to be stimulating and fun.

(See Topic Plan for full details)

In **R.E.** the topics are 'Creation' and 'The Commandments'. Parents are encouraged to start discussions with children relating to these topics focusing on key terminology and its meaning.

In **Maths** we will be focusing on basic skills and problem solving (further information can be found on the topic plan). To help your children you need to provide your children with opportunities to practice their times tables, recap on previous topics to keep it fresh and encourage problem solving relating to real life issues, such as with money and measure as an example.

During **English** we will study the media of film by watching 'War of the Worlds', this will allow us to develop our descriptive writing through recounts from various scenes of the film. We will also write our own sci-fi, adventure and mystery stories linked to space. As parents / carers you can support at home by helping your child to complete homework relating to our class work and pointing out descriptive writing encouraging discussions around why it is a good piece of descriptive writing.

In **Science** we will further explore the topic as we look at the solar system and the moon landings. This is a fantastic topic where we will be broadening our basic skills, and expanding what we learnt last year. Please take a look at the attached topic overview regarding skills we will be covering in each subject area.

At home children could be doing some of their own topic research to help them further engage with the topic, i.e. Do they know all the planets? / What order are the planets in? / What is the Solar system made up of? / Who was the first man land on the moon? / What is NASA? What do they do there?

Physical Education (P.E.) – will take place on **Tuesday (afternoon)** and **Wednesday (morning)**, so children must ensure their P.E. kits are in school ready to be worn on those days. A P.E. kit consists of: a white t-shirt, blue (or black) shorts, and a pair of sports trainers for outdoor use, which they should leave in school. All P.E. kit must be clearly labelled with your child's name. As an optional extra, a dark coloured pair of jogging trousers and a jumper can also be worn when we are outside / during the winter months.

In addition, the **only** jewellery permitted in school is a pair of plain small stud earrings. If your child has pierced ears, it would be appreciated, if you could kindly remove them on each morning of P.E. We are not able to remove them or cover them, so this will result in your child not taking part in our P.E. lesson due to health and safety reasons. Long hair must be tied back.

Homework - This will be handed out on a **Friday** and **MUST** be completed and returned to school by the following **Thursday**.

Children will have an independent reading book which will be brought home on a daily basis and **MUST** be returned to school every day. Children can be reading their own independent book from home or class reading area once they have finished the given book and completed a book review. Children's independent reading books are changed once a week in school. Reading records are to be completed each time you listen to your child read at home.

Assembly - We will be having a joint Year 5 assembly on **Friday, 13th October 2:30 pm**.

Additional letters will be sent out with regards to the following:

- School trips, Masses, Christmas Presentation, etc.

Thank you,

Mrs. N. Scholey, Miss. C. Douglass & Mrs. A. Garforth
Year 5 Teachers

Headteacher: ROXANNE d'ARCY, BA Hons
TEMPLE ROAD, DEWSBURY, WEST YORKSHIRE WF13 3QE
Tel: (01924) 488282 E-mail: office@stpaulinus.org Website: www.stpaulinusecps.org.uk
DIOCESE OF LEEDS - KIRKLEES L.E.A.

"Pupils' continue to be well cared for and expectations of behaviour remain high"
OFSTED January 2017

TO INFINITY AND BEYOND



Year 5 Entry Point :

Introduction to space

Exit Point : 'To Infinity & Beyond' celebration day

R.E. – As theologians we will :

- Know the story of creation in Genesis and think about its meaning
- Know why God made us
- Know that God calls us for care for creation
- Know and reflect on the story of the Fall
- Know about individuals who inspire us to respect creation
- Know about people who look after the vulnerable members of society
- Describe and show understanding of religious sources, beliefs, ideas, feelings and experiences, making links between them
- Know and appreciate the purpose of the Ten Commandments
- Understand that the Commandments are a gift from God to help us
- Reflect on the birth of Jesus
- Show how own and others' decisions are informed by beliefs & values
- Demonstrate how religious beliefs and teachings give some explanation of the purpose & meaning of human life

English–As writers and communicators we will :

- Be watching the movie 'War of the Worlds' and comparing two of the versions
- Be exploring the story using audio and visual stimuli
- Be writing descriptive recounts from scenes of 'War of the Worlds'
- Be studying the first moon landing and writing in a journalistic style
- Be writing non chronological reports about space
- Be writing our own sci-fi, adventure and mystery stories linked to space
- Be continuing to practice our grammar and punctuation in all literacy sessions

PE – As athletes we will :

- Play net and field games / Test our flexibility in gymnastics

Art – As artists we will :

- Research the Victorian artist William Morris and explore the different mediums he uses in order to create our own piece of art work.

Science – As scientists we will :

Out of this World

- Be learning how the planets in our Solar System are organized
 - Be using Mathematics to model the dimensions of our Solar System
 - Be describing the movement of the Earth and Moon relative to the Sun in our Solar System
 - Be identifying evidence that has been used to support a theory
 - Be describing the movement of the Moon relative to the Earth
 - Be using simple models to explain scientific areas, such as Day and Night.
- Forces**
- Be explaining some of the effect of gravity.
 - Be planning, carrying out and explaining a fair test to find out how well different objects fall
 - Be observing a variety of forces that slow things down.

Design & Technology – As designers we will :

- Be designing and making our own mini space buggies
- Be researching innovative, functional and appealing 'space buggies' products that are fit for purpose
- Be modeling and communicating our ideas through discussion, annotated sketches, diagrams and prototypes and pattern pieces
- Be selecting from and use a wide range of tools and equipment
- Be evaluating our products against our design criteria and consider the views of others to improve their work

Geography – As geographers we will :

- Study and research the local area. This will include :
- Climates zone, Vegetation's, Latitude and longitude
- Suggesting possible reasons why cities have developed in Britain
- Investigating the features of rivers

History – As historians we will :

- Find out about the Anglo Saxons that era
- Learn about the Anglo Saxon invasions, settlements and kingdoms during that era
- Be investigating Anglo Saxon art and culture
- Be studying Anglo Saxon laws and justice

Music : as musicians we will :

- Be creating our own adventure and sci-fi composition to go with our favourite scene in 'War of the Worlds'
- Be using and understanding basic musical notations

Global Dimensions: We will:

- Be researching and investigating the benefits to Earth of space exploration.

Mathematics – As mathematicians we will :

- Be using different methods for addition, subtraction, division and multiplication. We will also be revising our basic skills and place value. Problem solving will be ongoing throughout the term.
- **Later in the term we will...** learn to understand and use equivalences between metric units and common imperial units such as inches, pounds and pints.
- Use all four operations to solve problems involving measure (e.g. length, mass, volume, money) using decimal notation including scaling.
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.
- Calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes.
- Measure, estimate and compare acute, obtuse and reflex angles. Draw given angles, and measure them in degrees (°).
- Identify: • angles at a point and one whole turn (total 360°), angles at a point on a straight line and 1/2 a turn (total 180°) and other multiples of 90°.
- Compare and order fractions whose denominators are all multiples of the same number.
- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.
- Read and write decimal numbers as fractions (for example, 0.71 = 71/100).
- Read, write, order and compare numbers with up to three decimal places
- Round decimals with two decimal places to the nearest whole numbers and to one decimal place.
- Recognize and use thousandths and relate them to tenths, hundredths and decimal equivalents.
- Solve problems involving number up to three decimal places.
- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
- Use the properties of rectangles to deduce related facts and find missing lengths and angles.
- Identify 3D shapes including cubes and cuboids from 2D representations.

Computing – We are web developers. We will...

- Be learning how Google selects web pages in search results.
- Be showing awareness of other search engines.
- Be demonstrating knowledge of safe, respectful and responsible use of technology.
- Be demonstrating knowledge of how to report concerns.

PSHE: As caring citizens we will:

- Be looking at classroom rules and getting to know each other through circle time activities.
- Be looking at bullying and how to recognise bullying, help those who are being bullied and know where to go if bullying occurs.