



# St. Mary's Catholic Primary School Curriculum Information



## Class 5 Spring 2nd Term – Inventors and Inventions

### Maths

This half-term children will be identifying the order of operations and how to solve calculations using BODMAS. We will recap multiplying and dividing by 10, 100, 1000 and how the position of the digits change. We will recap units of measure and solve problems involving measures and focus upon converting between the various units of measure eg. cm to m, m to km. We will also be completing mental and written multiplication and division. We will apply all that we learn to problem solving and reasoning activities throughout the half-term. It is very important that your child practises their Times-Tables on a regular basis.

### Science

In Science children will continue to examine forces in everyday life. Pupils will find out about Isaac Newton and how he helped develop the theory of gravitation. They will produce research and biography writing about this important man.

### Home learning

Children should continue to read each evening for at least 15 minutes. Please help develop their comprehension skills by asking them questions on what they have read. Year 5/6 children also have access to a reading record book which can be used to write a log about what they have just read. Please ensure that this is completed each evening and returned with their reading book to school each day as there may be opportunities to read independently within the day and there are adults who come into school to practise extra reading with children. Times tables are practised regularly in school so please practise these at home with children. Times table cards are available from class. Children will also have a spelling test on Thursdays. Homework is given out each Tuesday and should be brought back to school no later than the following Monday.

### Literacy

Children will focus upon developing a more formal style of writing. They will be writing arguments about issues they consider important such as: Should Children have to wear a School Uniform? They will present both balanced and persuasive arguments and they will also practise the language of debate throughout their discussions in class. They will also be exploring the use of flashbacks in narrative writing. They will practice sentence and grammar skills daily with a focus on extending their punctuation further, using a variety of sentence starters and manipulating sentences to create effects. These skills will be applied to a series of short written tasks throughout both units. Children will also use a variety of speaking & listening skills, kagan structures and drama techniques to investigate their ideas further. All English lessons will be underpinned by a series of Grammar and Punctuation starters which will enhance the quality of their written work.

### Computing

Children will continue to develop their online safety skills to identify the risks involved with contact, content and their own conduct whilst online. This term they will use the program scratch to develop their programming skills.

During this term the Year 6 children will be completing revision sessions in preparation for their SATs in May. (WB 14<sup>th</sup>) They will be attending Homework club on Mondays after school and will be set homework in their SATs buster books. During Y6 revision sessions the year 5 children in our class will complete a topic looking at different world faiths. They will learn about British Values and about tolerance and diversity.

### Religious Education

Children will investigate the feasts of Lent and Easter. They will learn how it is a time for giving and will learn about loss, change and new life. We will focus upon the stories in the Bible about Lent, Holy week and Easter. We will learn about how the suffering, death and resurrection of Jesus led to new life. The children will complete writing in different styles like diaries and first person accounts about the events of Holy week. Children will also prepare a service showing the events leading up to Easter including reading, singing and drama.

### P.E.

Children will enhance their gymnastic skills through a series of lessons focussing on jumps and rolls and leading up to a finished sequence which will be performed in groups. **Please ensure your child has a full P.E. kit in school.**

### History

As part of our topic we will be focussing on the history of Baghdad. The learning within this theme focuses on the early Islamic civilisation in Baghdad around the year AD900 commonly known as the Islamic Golden Age. They will link this learning to the inventions topic and study inventions from this period and how the inventions changed people's lives.