



# **Curriculum Information 2019-2020**

**St Mary's School and College  
KS2 & KS3 Curriculum**

## Physical Education

Our aim of the Physical Education curriculum is to educate pupils by providing a broad, balanced programme which meets the needs of our learners whilst ensuring the National Curriculum standards are met. The department seeks to encourage each pupil to participate and achieve in a range of sports and activities in order to improve and develop their physical competency and skills, general fitness and their understanding of how to lead a healthy and active lifestyle. All pupils will be taught a range of sports which change every term.

### At KS2&3 the pupils study:

Learners will take part in one swimming lesson a week which will include teaching water skills to build confidence and move into the basic strokes (front crawl, back stroke and breast stroke) as well as basic life-saving skills and swim fitness sessions where appropriate.

Term	Key Stage 2	Key Stage 3
1	Invasion games	Invasion games
2	Target Sports	Target Sports
3	Health and Fitness / Dance	Health and Fitness / Dance
4	OAA	OAA
5	Athletics	Athletics
6	Striking and fielding	Striking and fielding

## History

History is important to us at St Mary's. Our view is that history adds to our pupil's ability to understand themselves and the world they inhabit. A good history education should leave pupils with the ability to see the world in a different way; to appreciate where we came from and where we could be headed.

At **KS2** pupils focus on the skills required to become good historians and apply these to appropriate historical events of interest. These skills include categorizing items, recounting and ordering historical events including from their own past. They work on expressing the similarities and differences between places and objects (old and new), and start to talk about what familiar situations might have been like in the past.

### At KS3 the pupils study:

- Normans (Battle of Hastings, Castles, Domesday, Feudal system)

- Kings and the Church (Henry II, Medieval village life, Thomas a Beckett), Challenges to the Throne (King John, Magna Charta, Peasants' revolt)
- Religion and the Tudors, (Henry VIII, The Reformation, Elizabethan England, Spanish Armada, Francis Drake).
- Cromwell (Great Plague, Great Fire of London, Charles I and II, Development of Parliament)
- Industrial Revolution (Life in factories, Railways, Cotton mills, Child workers, Change in Urban and Rural communities)
- Slavery (Start and end of slave trade) Crime and Punishment (Law and Order in Victorian England, Sir Robert Peel and the start of the Police Force)

## Geography

It is important in every pupil's life to understand where they are, where they are going and the ever-changing environment that we all live in. The Geography curriculum at KS2&3 gives pupils the opportunity to explore the interaction between the physical and human process that forms and shapes the landscapes we cherish.

At **KS2** students are taught to recognise and find out about the environment around them, including buildings, homes, places of work, transport and the weather. They are taught to recognise changes in their environment and simple navigation. Students develop knowledge and skills in these areas through topics of interest to them and appropriate to their needs.

### At KS3 the pupils study:

- Where on Earth Am I? (Human and Physical Geography of the UK, How the UK is formed, Climate of the UK,
- Geography Rocks, Nature and properties of rock, Tectonic Activity (Earthquakes and Volcanoes)
- Rivers, Water cycle, Upper Middle Lower Course, Waterfalls, Meanders and Floodplains.
- Coasts (Features of coasts, Tourism on the Coast, Erosion, Waves, Longshore Drift, Coastal Management), Climate and Ecosystems (Weather, Climate Zones, Ecosystems, Tropical Rainforest)
- Resource Management, Food: Where does our food come from? (Farming), Water and Energy

## Computing

Computing is concerned with how computers and computer systems work, and how they are designed and programmed. It is a practical subject in which invention and resourcefulness are encouraged.

### At KS2&3 the pupils study:

From the start of the course, students are taught how to stay safe when using technology.

There is an emphasis on programming and computer science and in addition students will continue to learn to use computers to find things out, exchange and share information, review, modify and evaluate work using familiar software. Students learn the principles of programming through practical games, the control of robots and a variety of visual programming software.

## Science

Science is everywhere and plays a role in everything we do. A sound knowledge of science can enhance an individual's ability to make decisions essential for healthy living and to participate constructively in society. Science provides our pupils with the opportunity to explore the amazing world around them and to develop an enquiring mind.

At **KS2** study a wide range of topics, building skills and knowledge which enables further study of the National Curriculum. These include learning about body parts and the human life cycle, different types of light and the effects of light in a room, describe plant parts, which are edible and which might be harmful, knowing what things can be harmful, including how to stay safe around animals.

### At **KS3** the pupils study:

- Lab safety, use of basic equipment, States of Matter, Light and Dark, Everyday Materials and their Uses, Plant Biology, Habitats, Reproduction, Healthy Living, Magnesium.
- Forces, Classification, Lifecycles and Reproduction, Rock Formation and Fossils, Plants and the Environment / Environmental Change, Diet and Nutrition, Electricity and Sound.
- Mixtures and Separating Solutions (Sorting out), Novel Materials, Pushes, Pulls and Forces, Space, the Earth and Beyond (Fly Me to the Moon), Final Frontiers, Acids and Alkalis, How Fast, How Slow, Cells and Organ Systems (Staying Alive), Casualty, Creepy Crawlies, Extinction.

## Maths

Mathematics is a critical subject which is relevant to students' success across the curriculum, accessing suitable further study, becoming confident in the workplace and in independent living. All students can achieve success in mathematics irrespective of their start point or the challenges they perceive. The national curriculum gives opportunities to develop in a range of areas outlined below and all students will be working towards and pursuing pathways which lead to formal qualifications.

### At **KS2&3** the pupils study:

- Number and Calculation (Counting, Place Value, Addition and Subtraction)
- Multiplication and Division
- Measurement (Money, Time, Temperature, Mass/Length, Area and Perimeter)

- Geometry (Properties of 2D Shapes / Symmetry, Angles / 3D Shapes, Position / Direction / Movement, Venn and Carroll Diagrams, Identifying Types of Lines)
- Statistics (Pictograms / Bar Charts, Tally Charts, Tables and Bar Charts, Frequency Tables, Simple tables)
- Fractions (Decimal Fractions – Tenths, Simple Unitary Fractions, Fractions of a set, Equivalent Fractions)

Some students working below the National Curriculum will develop an understanding of the principles of counting using real examples from everyday life.

## English

Our English curriculum explores a range of literature to develop and capture the creative imagination of our children. Each year pupils build upon the skills they have learnt and then apply them in their reading, writing and spoken word presentations. The English curriculum supports the learning required for all other subjects thus allowing the consolidation of skills and knowledge on a regular basis.

St Mary's is committed to ensuring our learners are engaged in reading daily throughout the waking curriculum; we are keen to work with parents and carers to develop reading skills at home using the reading log. Our assessment of reading levels on a regular basis ensures that we are setting appropriate levels from which pupils are expected to progress in over time.

Teachers ensure that the teaching of reading, writing and speaking & listening makes best use of therapists and support staff to ensure that the most appropriate strategies for each pupil are employed based on need.

At **KS2** pupils will develop skills in Reading (e.g. knowing the letters of the alphabet, matching three letter words, find things by reading labels and signs etc), Speech and Language (e.g. confident role-play, use short phrases to communicate ideas, re-tell a simple story or event etc.) and Language (e.g. read back what I have written, write a letter, write a list etc). Students will start by reading Beegu and other texts will be advised by the teacher as they progress through the curriculum.

### **At KS3 the pupils study:**

The development of skills in both Literature and Language is built around the reading and study of key books. The main texts include *The Twits* by Roald Dahl and *The Wreck of the Zanzibar* by Michael Morpurgo. Other used text will be advised by the teacher so that students can discuss their work and be supported outside of lessons.

## Music

Our curriculum at St Mary's ensures that pupils have weekly lessons at KS2&3. Pupils enjoy a variety of projects and practical opportunities. Pupils play, perform, improvise and compose in a range of contexts. Pupils explore a range of musical structures, styles genres and traditions.

At **KS2**, music will be linked to themes that link one or more subjects. Students will be joining in with simple songs. This year they are listening and responding to Holst's "The Planets". They will be making music with percussion instruments.

### **At KS3 the pupils study:**

Student will learn to understand musical notation and develop their keyboard skills. They are developing a language to respond to a range of musical genres.

## **Food**

We offer a curriculum that is both skills and knowledge based and designed to progressively challenge pupils, building on their previous knowledge. Through a variety of practical and theory activities, pupils are taught a range of topics and will demonstrate their understanding of the subject.

### **At KS2&3 the pupils study:**

To begin with pupils will learn the routines and behaviours required to work with others safely in a kitchen environment. Skills based lessons will build confidence to tackle complex dishes later and throughout KS3.

The aim of the next phase is to develop knowledge of:

- food safety and hygiene,
- different cooking methods,
- a range of skills and processes (such as rubbing-in),
- using equipment and ingredients,
- ways of adapting recipes,
- sensory analysis,
- effective use of literacy & numeracy.

Pupils will cover a wider range of cookery skills and develop their knowledge of food and cookery in preparation for the KS4&5 Food courses. They will draw upon their skills and knowledge to design and make their own dishes for different situations.

## **Religious Education**

RE has a vital role to play in helping the students at St Mary's develop an understanding and acceptance of other cultures and beliefs. Our aim is to provide students from KS2-KS4 with a thorough overview of the six main world religions, comparing and contrasting aspects of each, such as place of worship, Gods and Prophets and religious symbols. With a clear idea of the differences and similarities between religions we hope that the students will develop a greater sense of respect and tolerance for those with different beliefs.

At **KS2** students are taught to recognize and celebrate different cultures, religions, beliefs and celebrations. They will learn to retell religious stories and know that some are characteristic of more than one religion. They will learn to understand and

recognize meanings in religious symbols, language and stories and respond sensitively to the experiences and feelings of others, including those with a faith and other people's values and concerns in relation to matters of right and wrong.

### **At KS3 the pupils study:**

Festivals: Christmas, Easter, Hanukkah, Samhain, Chinese New Year, Divali, Eid  
Community and Identity,  
Pilgrimages and Religious Buildings in our Communities  
Buddhism: Beliefs and Practices  
Crime, Ethics and Morals  
Inspirational People (Rosa Parkes, Martin Luther King, Nelson Mandela, Malala, Stephen Hawking)  
Judaism: Beliefs and Practices  
Rights and Responsibilities (Should we care for others?)  
Human charities, Wildlife charities, Stewardship (recycling).

## **Art**

The curriculum encourages our pupils to explore different techniques, artists and their processes. The programme enables our pupils to develop an understanding of the fundamental skills of art and confidence in reflection and development of a project.

At **KS2** pupils develop their knowledge and skills through practical activities in a range of media. They will learn to choose the correct materials and tools and use them correctly and start to finish their work using established patterns. They start to understand that paintings, sculptures and drawings have meaning and can start to express meaning in their own work.

### **At KS3 the pupils study:**

Students develop their knowledge of tools and techniques and their ability in generating ideas, making and evaluating their own and the work of others. In term one students will develop their skills and knowledge of colour and tone and fruit printing, in term two they study art history and the work of Lowry, and in term three they look at form, line, scale and flower painting.

## **PSHE**

PSHE is integral to all pupil's development and understanding of themselves, keeping healthy, relationships and the community and world around them. For pupils at St Mary's, PSHE is delivered through weekly lessons within the timetable but is also a culture ingrained in the ethos of the waking day. Pupils are supported continually and through a range of support networks to engage with their own personal development, health and social wellbeing.

The aim of the PSHE curriculum is to ensure pupils have a strong understanding of key topics such as keeping themselves safe online, in the home, at school and in the community. Pupils follow a rolling programme which is differentiated to ensure the development and awareness of one's self and friendship wellbeing is managed carefully.

Sex education (SRE) is taught in KS3 within the PSHE syllabus when learning about relationships and will cover topics like consent and how to stay safe when using social media. From September 2020, Relationships Education will be compulsory for all school children (more information to follow later this year).

PSHE topics are consistently and proactively promoted across the living areas and within therapy through the day to day delivery and focus on wellbeing and embedding British values. The wellbeing team and nurses also proactively engage pupils in learning with targeted work on key topics and well as the school's Child and Family Support Worker also delivering key support.

St Mary's makes best use of the opportunities in PSHE and across the curriculum to ensure that there is a whole school understanding of SMSC development ( spiritual , moral , social and cultural) .