



# St. Ambrose Barlow Catholic Primary School

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St. Ambrose Barlow Catholic Primary School, 841 Shirley Road, Hall Green, Birmingham, B28 9JJ

Dear Parents,

For further information follow this link:

<https://www.gov.uk/government/collections/national-curriculum>

We are a Rights Respecting School. Whenever and wherever possible, cross-curricular links will be made to the Global Goals and the UNICEF convention in teaching and learning.

## **Year 6 Curriculum Overview**

### **Autumn Term**

#### **R.E**

Children will follow the Archdiocese of Birmingham Curriculum Strategy for R.E.

Units will include:

The Story of the People of God,

Followers of Christ,

Baptism and Confirmation Celebrations,

Advent.

Children will also be following the Liturgical Calendar, understanding and actively promoting the half termly values and virtues, further embedding their knowledge of vocations, preparing for Confirmation, as well as planning and leading Prayer and Liturgy sessions.

#### **Maths**

Throughout the year the children will continue to develop their fluency, problem solving and reasoning skills. Maths No Problem will be an integral part of the Concrete, Pictorial and Abstract approach to teaching and Learning. During the Autumn Term, children will learn about:

Numbers to 10 million,

Four operations on whole numbers,

Fractions,

Decimals,

Word Problems,

Measurements.

#### **Literacy**

Throughout the year the children will experience all aspects of literacy through Literacy lessons, Guided Reading sessions, other subjects and regular home reading. They will experience a wide range of genres and use a variety of source materials, including written, audio and visual literacy resources. Literacy skills taught will be applied in all subjects to the same standards expected in the Literacy lessons.

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Genres studied during the Autumn term will include:

Novels as a theme (Warhorse)

Persuasion: A formal review (Warhorse Live Show)

Information text hybrids (Pig Heart Boy)

Discussion and debates (Pig Heart Boy)

Explanation texts (Dia de los Muertos)

### **Science**

During this year, we will revise all units building on knowledge and skills already acquired.

Units this term will include:

Animals including humans – the circulatory system

Light – how light travels and reflections

Electricity – scientific advances in electricity, circuit symbols and battery voltage

Living things and their habitats – classification, including the Linnaean system

Evolution and inheritance – Inheritance and adaptation

### **History**

During the Autumn Term, we will learning about World War Two. Our work will centre around the enquiry question: Were the greedy British responsible for the outbreak of World War Two? To answer our question, we will study:

The end of World War One,

The Treaty of Versailles,

Evacuation,

The Blitz,

Rationing,

The role of women in the war,

Turning points and significant events in the war,

The end of World War Two.

### **Geography**

Our Geography learning this year will follow three strands:

Locational, Europe and World Knowledge

How Humans Impact On Our World - How our actions (the things we do) can change our planet and cause harm.

How Our World Impacts On Humans - How Earth can cause us (people) harm.

### **Computing**

In computing this term, we will learn about computer networks – what the internet and the World Wide Web are and how data travels across the internet. We will also complete a module on coding and game design, using Scratch.

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## **French**

Our French lessons will be taught by a specialist French teacher this year.

## **RSE**

We will follow the Ten: Ten RSE scheme of work, and this term we will study UKS2 Module

1: Unit 2:

Gifts and talents,

Girls' bodies,

Boys' bodies,

Spots and sleep.

We will also follow the KiVa antibullying scheme of work.

## **Music**

Our Music lessons will be taught by a specialist Music teacher this year.

## **Art & Design Technology**

In Art, we will study birds and wildlife. We will work on our sketching technique using pencils as well as printing modelling with clay and creating 3D models using newspaper and Papier Mache.

Our DT topic is Marbulous Structures. We will use a range of cutting and joining techniques to design, make and evaluate our very own, functioning marble runs.

## **P.E.**

Throughout the year the children will work in small groups to develop their tennis skills with a tennis coach. This term we will also work with the Aston Villa coach to work on our football skills and will develop our rounders and dancing skills.

## **Spring Term**

### **RE**

Children will follow the Archdiocese of Birmingham Curriculum Strategy for R.E.

Units this term will include:

Christmas,

Prayers in the lives of the followers of Christ,

Lent,

Holy Week.

Children will also be following the Liturgical Calendar, understanding the half termly values and virtues, preparing for Confirmation, as well as planning and leading Prayer and Liturgy sessions.

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## **Maths**

This term our units will include:

Measurements,

Volume,

Percentages,

Ratio and proportion,

Algebra,

Area and Perimeter,

Shape,

Position and movement.

## **Literacy**

Throughout the year the children will experience all aspects of literacy through Literacy lessons, Guided Reading sessions, other subjects and regular home reading. They will experience a wide range of genres and use a variety of source materials, including written, audio and visual literacy resources. Literacy skills taught will be applied in all subjects to the same standards expected in the Literacy lessons.

Genres studied during the Spring term will include:

Biographies and Autobiographies (I am Malala, Once upon a time in Birmingham – Women who dared to dream),

Poetry – Songs and Lyrics (What a Wonderful World),

Poems with imagery (Who let the God's Out?),

Classic Fiction (The Wizard of Oz).

## **Science**

This term, our units will include:

Animals including humans – what the blood is composed of and healthy lifestyles

Light – refraction and the visible light spectrum

Living things and their habitats – classifying organisms in the local area, and classifying unusual animals.

Evolution and inheritance – The theory of evolution, fossils, human evolution and the impact of human intervention on adaptation.

## **History**

This term, we will look at the Ancient Maya Civilisation in an attempt to answer our enquiry question: How modern were the Maya?

We will investigate:

Who they were,

When and where they lived,

How they farmed and built,

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What they wore and invented,  
Religious beliefs and rituals,  
Maya number and writing systems,  
The invasion of the Spanish conquistadors.

### **Geography**

Our Geography learning this year will follow three strands:

Locational, Europe and World Knowledge

How Humans Impact On Our World - How our actions (the things we do) can change our planet and cause harm.

How Our World Impacts On Humans - How Earth can cause us (people) harm.

### **Computing**

In computing this term, we will continue to work on our module on Game design, using Scratch. We will then look in more depth at computer networks.

### **French**

Our French lessons will be taught by a specialist French teacher this year.

### **R.S.E.**

We will follow the Ten: Ten RSE scheme of work, and this term we will study UKS2 Module

1: Unit 3:

Body image,

Funny feelings,

Emotional changes,

'Seeing stuff online'.

We will also follow the KiVa antibullying scheme of work.

### **Music**

Our Music lessons will be taught by a specialist Music teacher this year.

### **Art & Design Technology.**

In Art, we will be creating work inspired by a number of North American artists including John Singer Sargent, Ansel Adams and Helen Frankenthaler. We will use and develop our sketching, collage, construction and photography skills.

In DT we will be looking at seasonal foods and will use our knowledge to help us plan, cook and evaluate a delicious, healthy seasonal meal.

### **P.E.**

Throughout the year the children will work in small groups to develop their tennis skills with a tennis coach. This term we will also study gymnastics, hockey, handball and dodgeball.

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## **Summer Term:**

### **RE**

Children will follow the Archdiocese of Birmingham Curriculum Strategy for R.E.

Units will include:

Easter,

Belonging to the Church Community,

Pentecost,

Celebrating the Life of Mary and the Saints.

Children will also be following the Liturgical Calendar, understanding and actively promoting the half termly values and virtues, as well as planning and leading Prayer and Liturgy sessions.

### **Maths**

This term we will be revising for and completing our SATS. We will also be learning about:

Graphs and averages,

Number and Place value - Word problems,

Measurement: volume,

Geometry: Shape,

Geometry: Position and movement,

Revision of all Year 6 content.

### **Literacy**

Throughout the year the children will experience all aspects of literacy through Literacy lessons, Guided Reading sessions, other subjects and regular home reading. They will experience a wide range of genres and use a variety of source materials, including written, audio and visual literacy resources. Literacy skills taught will be applied in all subjects to the same standards expected in the Literacy lessons.

Genres studied during the Summer term will include:

Shakespeare/ Older Literature,

Classic Narrative Poems (The Tyger – William Blake),

Poems on a theme (The Tide Rises, The Tide Falls),

Novel as a theme (Wonder),

Short stories with flashbacks (The Piano).

### **Science**

The children will study the following topics:

Animals including humans – the effect of exercise, drugs and alcohol on the body

Light – seeing colours and shadow formation

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Electricity – practical electricity investigations  
Living things and their habitats – microorganisms.

### **History**

During the Summer term, we will recap and revisit previous learning from Years 4 and 5, based on the topics of:

Industrial revolution,  
Romans,  
Anglo-Saxons.

### **Geography**

Our Geography learning this year will follow three strands:

Locational, Europe and World Knowledge

How Humans Impact On Our World - How our actions (the things we do) can change our planet and cause harm.

How Our World Impacts On Humans - How Earth can cause us (people) harm.

### **Computing**

In computing this term, we will learn to analyse and interpret data using spreadsheets, and then we will move onto learning about 'big data'.

### **French**

Our French lessons will be taught by a specialist French teacher this year.

### **R.S.E.**

We will follow the Ten: Ten RSE scheme of work, and this term we will study UKS2 Module 1: Unit 4:

Making babies

Menstruation

UKS2 Module 3: Units 1 and 2:

The Trinity,

Catholic social teaching,

Reaching out.

We will also follow the KiVa antibullying scheme of work.

### **Music**

Our Music lessons will be taught by a specialist Music teacher this year.

### **Art & Design Technology**

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In Art, we will be learning how to draw portraits and in DT we will develop our understanding of mechanical systems. We will learn about controlling movement with a cam mechanism as part of an automata animal.

**P.E.**

Throughout the year the children will work in small groups to develop their tennis skills with a tennis coach. This term we will also study athletics, outdoor adventurous activities, and each week we will go swimming.

Yours sincerely,  
Miss Newman

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