



Curriculum Booklet

This is a working document and may be subject to change if it is in the best interests of the pupils.

Year 5

Key Stage 2

Curriculum Overview

This document provides an outline for the main topics which will be covered in this academic year.

The school curriculum aims are:

- To provide opportunities for each pupil to learn and achieve.
- To promote the pupils' development and prepare them for the experiences of life.
- To enable each pupil to respond positively to challenges, opportunities, responsibilities, and to cope with change.
- To provide each pupil with the steps in their academic journey to enable them to make informed choices in school and beyond.

Homework

Homework is an extension of your child's education and is compulsory. Time should therefore be allowed within your child's day to complete this.

Children will be given homework on a regular basis. In Year 5, pupils are expected to spend up to 40 minutes per day on their written / recorded homework tasks. In addition to this, time should be set aside plus for reading, spelling and tables practice and/or mental mathematics.

Homework will be set in accordance with the homework timetable and will be recorded on Teams. Homework will be either paper based or online, with teachers giving clear instructions whether it needs to be uploaded to a Teams assignment or handed in physically in class.

Children are very different; some enjoy having homework, others dislike it. If possible, set aside a regular time for homework and a table/desk away from distractions such as the TV.

If you have any problems concerning homework please contact your child's class teacher.

Assessment

During the course of the academic year each pupil will be assessed so that their progress is monitored and we can focus on helping them to achieve their best.

English

Overview/Introduction

As a core subject English is taught every day to enable the class to harness the skills and abilities required for each pupil to enhance their reading and writing. These skills are taught through a variety of different genres and topic areas that are summarized below.

They will also develop their speaking and listening skills, which are essential as they move through Bedford Greenacre Independent School. Good verbal skills enhance each child's understanding of language in both spoken and written forms and in the way language can be used to communicate.

Reading, Handwriting, Spelling, Punctuation Grammar

Regular spelling, punctuation and grammar (SPaG) activities are taught throughout the year. These are in accordance with the National Curriculum for Year 5.

Weekend diaries are used to encourage pupils to write at length and practise their new found grammar and punctuation skills.

Pupils also practise their handwriting regularly to ensure the development of a fluent, legible, sustainable style.

Pupils read aloud regularly in the class or in small groups and are expected to read regularly at home to themselves and to an adult.

Term	Summary
Autumn	<p>Charlie and the Chocolate Factory by Roald Dahl Investigate why Roald Dahl is such a popular author and discuss how his writing has influenced modern day authors, such as David Walliams. Pupils look at editing and are taught to understand that great work takes time and patience. They look carefully at the children in the books and explore how their characteristics are used to move the story forward and to create certain scenarios. Pupils write an extra chapter and share their work with others. Pupils are encouraged to share their work and to help others improve their own work by offering thoughtful contributions. Explore Roald Dahl's poetry style and try to create pupils' own in a similar vein.</p>
Spring	<p>Blogs and Reports – Travel Writing Explore exciting destinations through a range of travel writing. Revise pronouns, learn about relative clauses & punctuation, including uses of commas. Write own travel recount.</p> <p>Poetic Language: Making the Ordinary Extraordinary! Make the ordinary extraordinary! Enjoy modern & classic poems. Explore apt word choices & imagery (simile, metaphor, personification), expanded noun phrases & relative clauses.</p> <p>Short Stories: Spooky Short Stories Study genre of short stories using <i>Short!</i> by Crossley-Holland. Investigate adverbials and develop use of perfect form to indicate time/cause. Write predictions and short stories.</p> <p>Anthologies: I Like This Poem Read/memorise poems from <i>I Like This Poem</i> (Kaye Webb) chosen by children. Gather favourites in an anthology; write their own. Use modal verbs and parenthesis</p>
Summer	<p>Stories on a Theme: Faraway Places Read and write stories set in faraway places using <i>Cloud Tea Monkeys</i> and <i>Mysterious Traveller</i>. Study relative clauses and expanded noun phrases for concise writing.</p> <p>Letters: Historical and Modern Letters (Titanic) Delve into letter-writing, revising conventions, purpose, and register, and analyse fascinating historical texts. Write fan letters, tactful RSVPs and job applications. Study modal verbs, commas, colons and bullet points.</p> <p>Poetry – Similes and Metaphors</p> <p>Playscripts - Tyke Tyler Write and perform playscripts</p>

Mathematics

Overview / Introduction

As a core subject, Mathematics is taught every day to enable the class to harness the skills and abilities required for each pupil to enhance their numeracy skills.

The pupils are given a complete grounding in the fundamental concepts. These are developed throughout their academic journey at Bedford Greenacre Independent School at a level suitable for their own ability. Through mathematics the pupils are equipped with a curriculum that will enable them to comprehend and challenge the environment around them. Mathematics provides logical reasoning, problem solving and abstract thinking skills that are important in everyday life.

Term	Topic
Autumn	Establishing a robust understanding of place value and using this in the development of addition and subtraction calculation strategies. Multiplying and dividing to get decimal numbers, and then on mental strategies in multiplication and division. Calculating time intervals and on measuring lengths in cm and mm including perimeters. Using formal written subtraction and counting up as appropriate, including when finding change. Multiplication and division, and extend children's understanding of fractions. Concept of angles as degrees of 'turn', and on comparison, identification and measurement of angles. Comparing and ordering whole numbers and decimals, and on equivalence in relation to proper fractions and decimals. In-depth revision of the four operations, including calculation strategies and the inverse relation between addition and subtraction, multiplication and division.
Spring	Developing a robust understanding of place value in larger whole numbers and in decimals; this is used to enable children to round any number to the nearest required power of ten. Rehearsal and development of mental calculation strategies for addition, subtraction, multiplication and division, and on identifying patterns and rules. Exploring the properties of triangles, naming and identifying the different types; and then on SI units of measure, reading scales and conversion problems. Column addition of decimal numbers, and on mental subtraction of decimal numbers. Development of written methods for multiplication and division; division is linked to finding fractions of large amounts. Developing understanding of polygons and angles, particularly in relation to quadrilaterals; metric units are then revised and regularly used imperial units are taught. Revising proper fractions and equivalent fractions, and then moves on to mixed numbers and improper fractions; proper fractions are multiplied by whole numbers. Rehearsing column subtraction and extending to larger / more difficult numbers; column addition and subtraction are used to solve problems.

Summer	<p>Adding/subtracting numbers in the context of money and contextual problems. Multiplying and converting fractions; and on short and long multiplication of whole numbers. Place value in decimals, including multiplying and dividing by 10 and 100. Plotting, reflecting and translating shapes on coordinate grids; and on extending understanding of properties of 2D and 3D shapes. Written methods of addition and subtraction, and choosing efficient strategies to solve problems. Factors and multiples; on securing the concept of equivalent fractions to enable calculations with fractions; and on further developing written methods of multiplication and division. Calculating areas, perimeters and volumes, and understanding the difference between measurement in one, two and three dimensions. Understanding percentages and how they relate to fractions and decimals, and solving problems by finding percentages of amounts. Revision of: line graphs; calculating time intervals; finding cubes of numbers; using factors to multiply; and solving scaling problems involving fractions and measures.</p>
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Science

Overview / Introduction

Science is an integral part of the modern world; as such the curriculum is established to develop the pupils' inquisitive mind. During their educational journey at Bedford Greenacre Independent School each pupil will be encouraged to make their own observations and perform practical experiments to further their skills, knowledge and understanding in science.

Term	Topic
Autumn	Earth and space: Look at the evidence for why people believe the earth is flat and round. Learning about the planets; the order, and facts about each one Look at why we get night and day, seasons and time zones. Look at the movement of the moon and its phases. Forces: To identify forces acting on objects. Exploring gravity, introducing weight and gravity To investigate the effects of air resistance, water resistance and friction
Spring	Living Things and their habitats: Parts of a flower and the plant life cycle. Reproduction of a flower. Life cycles; including mammals, insects, amphibians and birds. Metamorphism. Where animals live; habitat, environments and adaptation
Summer	Properties and Materials: Looking at words to describe properties of materials. Investigating insulation, magnetism and electrical conductivity. Introducing some science skills required in year 6. Scientist and Inventors: Looking into different scientists and inventors; who they were and what they are famous for.

Humanities

Overview / Introduction

Pupils will be challenged in Geography to understand places, environments (locally, nationally and internationally) and to appreciate differing cultures. Pupils will utilise skills that will enable them to understand differing types of maps, investigating how geographical events impact society and individual research skills.

The History curriculum covers important episodes and developments in Britain and other civilisations in the world. The pupils will investigate how the past has helped to shape the present and how the beliefs and cultures have influenced the actions of the people. They will also question and discuss the various interpretations of history **through different sources, and understand differing viewpoints of past events.**

Term	Topic
Autumn	UK and World Geography: <ul style="list-style-type: none"> • Physical features • Flags • Man-made boundaries
Spring	The Tudors and Exploration: <ul style="list-style-type: none"> • Kings and Queens • Exploration and the Spanish Armada • Tudor life
Summer	Modern Day Greece: <ul style="list-style-type: none"> • Study and comparison • Landscape • Tourism • Weather
	The Ancient Greeks: <ul style="list-style-type: none"> • Myths and Legends • Daily life • Olympics

Information and Communication Technology (ICT)

Overview / Introduction

Within the ICT curriculum children will be provided with the essential skills needed to access a variety of technologies. This will be through weekly ICT lessons as well through the incorporation of ICT within other curriculum areas. Children are constantly surrounded by technology, therefore it is our primary purpose to ensure they can access these resources safely and confidently, therefore computer safety is always an essential aspect of our ICT curriculum.

As well as this, children will cover a range of skills throughout the year, these are as follows:

Term	Topic
Autumn	Computer Systems and Networks: Sharing information Creating Media: Video editing
Spring	Creating Media: Animation Data and Information: Flat-file databases
Summer	Programming: Selection in physical computing Selection in quizzes

ICT lessons utilise a range of resources available within the school, such as computers, iPads, laptops, smart touch technology, clever boards, cameras and many other interactive tools.

Art

Overview / Introduction

In year 5 the pupils are given the opportunity to work in the fully equipped Senior School art room with a specialist teacher. They learn processes and techniques that are reinforced and developed each year. Each curriculum project is based in an historical context and the pupils learn the relevance of the process to the theme. Pupils are encouraged to evaluate and refine their art work and pursue their own individual creative ideas. Strong cross-curricular links ensure that knowledge and skills acquired in other subjects are applied and developed in Art lessons.

Term	Topic
Autumn	William Morris textile pattern. Oil pastel techniques and collaborative paper quilt.
Spring	Painting techniques – exploring Modern Art through this medium.
Summer	Culture through Collage

Design Technology (DT)

Overview / Introduction

In Design and Technology pupils will develop their knowledge and understanding of a range of practical and design skills.

These will include an introduction to CAD (Computer Aided Design) and CAM (Computer Aided Manufacture) processes. Each unit will include an element of design, manufacture and evaluation. They will develop the skills required to design and model their ideas in a three-dimensional form. This will enable them to look at ideas and concepts in both a theoretical and practical way, which will be useful in both their educational journey at Bedford Greenacre Independent School and the world beyond.

Term	Topic
Autumn	Creating products using a variety of materials and processes such as graphics, CAD/CAM and the more traditional hand skills
Spring	
Summer	

Food Technology (FT)

Overview / Introduction

Food Technology introduces the pupils to the Key Stage 2 and the principles of healthy eating, to use skills and methods required to produce food. They learn how to make predominately savoury items to include in a healthy diet. They will be working in a safe and hygienic manner.

Term	Topic
Autumn/Spring or Spring/Summer (on rotation)	During their rotation, pupils will work on a project based around the 'Eat Them to Defeat Them' Campaign. They will enhance their skills by creating a range of dishes, using different cooking methods and working safely and hygienically.

Music

Overview / Introduction

Key Stage One children are taught the basic elements of music, note values and how to build a rhythm. The basics of pitch and aural discrimination are covered with extended use of musical elements towards the end of Year 2. This is mostly taught through the use of percussion instruments, body percussion and singing.

Term	Topic
Autumn	Singing – Young Voices Learning a wide selection of songs to perform in the Young Voices concert after Christmas.
Spring	Pitch, Stave & Semiquavers Chapter 3 of Teaching KS2 Music, Lessons 1–5 Music Ace software Listening skills using Classical 100
Summer	Keyboard & Theory Skills Music theory Introduction to the piano keyboard Reading musical notation
These topics will also be supplemented with songs and other performances learnt for performing opportunities that arise through the school year.	

Drama

Overview / Introduction

Drama offers an opportunity for pupils to experience the joy of exploring characters and scenes. These will enable them to embrace differing viewpoints and opinions in an environment that is all about perception and interpretation.

We are also pleased to present school productions throughout the pupils' academic career; to give all involved the opportunity to grow in confidence and enhance their public speaking skills.

Term	Skill
Autumn	Creating character, scene and atmosphere via a variety of topics.
Spring	Plan, sequence and rehearse in pairs & groups creating improvisational scenes Use a range of Drama techniques to explore issues, relationships and emotions. Use simple scripts to rehearse & perform e.g. for Harvest Festival
Summer	Each lesson has a carefully balanced mix of movement, speaking and listening activities and role play.

Personal, Social, Health & Citizenship Education (PSHCE)

Overview / Introduction

Through Personal, Social, Health & Citizenship Education (PSHCE) we strive to encourage the pupils to develop confidence and responsibility. They are encouraged to be a positive role model for both the school and the wider community.

At Bedford Greenacre Independent School we also strive to instil the knowledge and skills that will enable every pupil to enjoy a healthy and safe lifestyle.

Term	Topic		
Autumn	Health and Wellbeing Growing Up: <ul style="list-style-type: none"> • Human reproduction • Changes in boys • Changes in girls • Changing emotions • Relationships & families • Where do I come from? 	Relationships Digital Wellbeing: <ul style="list-style-type: none"> • My digital life • Staying safe, healthy & happy online • Online relationships • Social media • Saying No to online bullying • Fake news 	Living in the Wider World One World: <ul style="list-style-type: none"> • Global citizens • Global warming • Energy • Water • Biodiversity • In our hands
Spring	Think Positive: <ul style="list-style-type: none"> • The cognitive triangle • Thoughts are not facts • Face your feelings • Choices & consequences • Being present • Yes, I can! 	TEAM: <ul style="list-style-type: none"> • Together Everyone Achieves more • Communicate • Compromise & collaborate • Care • Unkind behaviour • Shared responsibilities 	Aiming high: <ul style="list-style-type: none"> • You can achieve anything! • Breaking down barriers • Future Focus • Equal opportunities • The world of work • Onwards & upwards
Summer			

Religious Education (RE)

Overview / Introduction

In R.E., children learn about and from religions and [worldviews](#) in local, national and global contexts. This enables children to develop knowledge and understanding of the beliefs and practices of the diverse groups that make up our multi-cultural society, including non-religious groups. R.E. also provides an opportunity for children to discuss and ask challenging questions about meaning and purpose in life, beliefs about God, issues of right and wrong and what it means to be human. Through R.E., pupils learn to express their personal beliefs, ideas, values and experiences while respecting the differences of others.

In Year 4, pupils have a weekly R.E. lesson. Throughout the year, they will cover six main topics. However, there will also be many opportunities to extend their learning into other areas through assemblies, visits and visiting speakers.

The main topics for each year are:

Term	Topic
Autumn	<p>Worship:</p> <ul style="list-style-type: none"> • Who & Where? • Main Beliefs • Special Places • Special Festivals • Holy Book • Symbols & Meanings <p>The True Meaning of Christmas:</p> <ul style="list-style-type: none"> • Explanation • Love • Power & Vulnerability • Christmas Cards • Carols • Christmas Debate
Spring	<p>Peace:</p> <ul style="list-style-type: none"> • Introduction to Peace • Peace Across Religions • Comparisons Across Religions • Inner peace • Community Cohesion • Peace Symbols <p>Forgiveness:</p> <ul style="list-style-type: none"> • What is Forgiveness? • Forgiveness in Judaism • Yom Kippur (Judaism) • Forgiveness in Buddhism • Comparing Forgiveness in Buddhism & Judaism • A Symbol for Forgiveness
Summer	<p>Jesus the Healer:</p> <ul style="list-style-type: none"> • Miracles • The Paralysed Man • The Man at Bethesda • The Servant • Healing Touch • Miracle Stories <p>Commitment:</p> <ul style="list-style-type: none"> • What is Commitment? • Growing in Commitment • Sacrifice • Fasting • Marriage • How Do You Remain Committed?

Physical Education including Swimming (PE)

Overview / Introduction

Physical Education (PE) provides a valuable and rewarding selection of activities (including weekly swimming at Robinson pool). PE can help to fulfil the pupils' educational journey as it helps them to work in teams, where they will explore different roles and activities, all working for a common achievement, as well as learning to develop and improve their own unique abilities.

Term	Games	P.E
Autumn	Swimming Rugby Hockey	Dance Invasion Games
Spring	Swimming Netball Football	Indoor Athletics Badminton
Summer	Swimming Athletics Cricket	Fitness Ball striking & fielding

French

Overview / Introduction

When a child learns a second language, they begin to absorb the mechanics of language. This can help to give them a better grasp of the complexities of English grammar, improve their listening skills and make them more effective communicators. In a multicultural society, it is important for children to learn about other countries, cultures and traditions. Learning another language can provide the perfect backdrop for exploring these things. It can also give children greater confidence to express themselves. At Bedford Greenacre Independent School, we teach key aspects of the language, in a fun and engaging way, from an early age to enable the children to embrace it fully.

Children in Year 5 will have a weekly French lesson. Throughout the year the children will follow a structured language programme to teach and promote confidence with basic vocabulary and phrases:

Term	Topic
Autumn	Listen attentively to spoken language and show understanding by joining in and responding Engage in conversations, ask and answer questions, express opinions and respond to those of others, and seek clarification and help
Spring	Broaden their vocabulary and develop their ability to understand new words: <ul style="list-style-type: none"> • Introductions • Numbers • Hotel Reservations • Colours
Summer	<ul style="list-style-type: none"> • Welcoming a guest • Food • Commands & Instructions • Daily routine • Body parts