CURRICULUM SUBJECT BIG IDEAS

Building Firm Foundations For Life

Our principles:

- **Big Ideas – supporting intellectual development by subject**
- **Knowledge and skills – structuring learning**
- **Vocabulary and reading – focusing on the correct technical vocabulary**
- **Engagement – engaging pupils through creativity**
- **Personal development – supporting personal and spiritual growth**

Science

We aim for our pupils to become scientifically literate citizens who understand the world through the disciplines of Physics, Chemistry and Biology

1. **Investigate** - We ask questions and investigate our ideas using different types of enquiry.
2. **Research** - We learn about the world around us and we use scientific language to explain our learning.
3. **Record** - We use our cross curricular skills to help us record our learning in science.

Computing

We aim for pupils to use computational thinking and information and communication technologies in purposeful ways:

1. **Expertise** - We learn key skills to enable us to effectively use technologies for different purposes
2. **Application** – to solve problems, create content and express ourselves
3. **Evaluation** - We learn to evaluate information technology by choosing the best application or method to solve a problem

Languages- French

Our intent for French is to foster pupil curiosity and deepen understanding of the world, by developing:

1. **Vocabulary**: We know a wide range of French vocabulary.
2. **Grammar**: We speak and write French in grammatical context.
3. **Conversation**: We understand French in order to maintain basic conversation, either in person or the written word, for a range of purposes.

English - Spoken Language

Our intent for Spoken Language education is that children are effective communicators, who are able to listen and respond appropriately in all curriculum areas and situations to both adults and peers. They are able to speak clearly and confidently to convey ideas in Standard English, and are able to adapt their speech and register appropriately to a range of situations, including for conversations, discussions, descriptions, explanations, narratives, presentations, debates and dramatic performances.

English - Reading

Our intent for Reading education is that children read fluently, both for enjoyment and information, enabling them to access the wider curriculum and world around them, to develop essential life skills and to nurture a love of reading, by developing:

1. **Enjoyment:** I am a reader because I know and enjoy a range of texts.
2. **Reading Accuracy**: I am a reader because I can read increasingly challenging texts with accuracy.
3. **Comprehension**: I am a reader because I can understand the texts I listen to and read.

English - Writing

Our intent for Writing education is to equip children with the skills to communicate effectively through writing, by developing:

1. **Transcription**: I am a writer because I know and use accurate letter formation, letter joins, spelling, punctuation, grammar and vocabulary to communicate clearly.
2. **Composition:** I am a writer because I can articulate ideas and structure them in speech and writing.
3. **Style**: I am a writer because I understand the purpose of my writing; writing creatively, for effect and can engage different audiences.

PE

Our intent for Physical Education is that children are inspired to lead active, healthy lives by developing:

1. **Skills**: we develop and master a range physical skills.
2. **Application**: We apply our skills in a broad range of sports and activities; competitively, individually and collaboratively
3. **Performance**: we develop my agility, flexibility, strength, technique, control and balance in order to improve.

RE

Our aim in RE is for children to hold well informed and balanced conversations about different religious and non-religious worldviews:

1. **Theology** – learning where beliefs come from.
2. **Social Sciences** – learning why people live differently based on their beliefs – 'lived expression.'
3. **Philosophy** – learning how to think critically.

Art and Design

Our aim is to inspire our pupils to develop an aesthetic appreciation for the world around them.

1. **Appreciation** – We learn how to examine and evaluate different forms of art.
2. **Technique** - We explore and practise different skills and techniques in order to create visual representations that communicate our ideas and feelings through a variety of media.
3. **Expression** - We develop our individual efforts by experimenting and innovating.

History

Our aim is to engage pupils in historical enquiry in order to develop their knowledge and understanding of people, events and eras.

1. **Chronology:** We gain coherent knowledge and understanding of the past.
2. **People -** We learn about significant people from the past to the present day.
3. **Legacy -** We learn about how the legacies of historical periods have shaped Britain by learning from what people of the past have left behind.

Music

Our intent for Music education is that children are confident to appreciate, create and perform music, by developing:

1. **Listening and appraising** - we perform, listen to, review and evaluate music
2. **Interrelated dimensions** – we learn to sing and to use their voices, to create and compose music
3. **Performance –** we understand and explore how music is created, produced and communicated.

Geography

Our intent for Geography education is that children become informed and active citizens, developing knowledge and curiosity through map skills and fieldwork, by developing:

1. **Location:** We learn to locate nationally and globally significant places of the world using maps.
2. **Exploration**: We explore different places around the world and compare them to our local environment
3. **Interpretation**: We collect, analyse and interpret a range of data gathered through fieldwork.

PSHE and RSE

Our intent for PSHE education is that children know how to be safe, healthy and emotionally regulated, so they can manage their future lives in a positive way.

1. **Happy** – we learn to take responsibility for our happiness.
2. **Healthy** – we learn about healthy lifestyle choices.
3. **Safe** – We learn to take responsibility for our own safety, now and in our future lives.

Design and Technology

Our intent for D&T education is that children are able to use creativity and imagination to design and make products that solve real-world problems for an intended user.

1. **Explore and evaluate** – exploration of products, evaluation of designs and products in order to improve them.
2. **Technical acquisition** – learn and apply practical skills
3. **Design and make** – use creativity, experience and experimentation to design new products and solve problems.

Maths

Our intent for a mathematical education is for children to use their conceptual understanding, mathematical thinking and vocabulary to solve sophisticated problems in a range of contexts, by developing:

1. **Fluency:** We recall and apply knowledge of mathematical facts, concepts and procedures quickly and accurately.
2. **Reasoning:** We use the skills of investigation, conjecture, justification and proof to support our thinking and verbalise explanations using mathematical language.
3. **Problem Solving:** We use mathematical concepts and reasoning to break down and solve a variety of routine and non-routine problems.