



Inspire and empower every student to make a positive impact today and be fully prepared for tomorrow.

Our Curriculum Goals:

Our goal is to equip students with the knowledge, skills, and values they need to succeed in all aspects of life. We will achieve this by focusing on four key areas:

- **Accessibility for All:** Our curriculum is designed to be accessible to all students, regardless of their ability or background.
- **Developing the Holderness Learner:** We foster essential qualities in our students, including, Aspiration, Resilience, Respect and Kindness.
- **Real-World Experiences:** We connect classroom learning to practical, real-world applications and future careers.
- **Enrichment:** We offer a wide range of extracurricular activities and opportunities for community engagement to enhance learning.

Celebrating Student Success:

We are incredibly proud of the significant progress our students have made since our last Ofsted inspection in March 2023. Here are some highlights of their achievements in 2023 and 2024, compared to national averages. This data is taken from **The Fisher Family Trust National Data Service**:

Subjects with Outstanding Results (Significantly Above National Average):

- **Computing Science:** Our students achieved exceptional results, with 34% above the national average at grade 4+ and 46% above at grade 5+. This places us in the **top 1% of schools nationally**.
- **Engineering (2023):** We excelled in Engineering, with results significantly above national averages across all grade levels (4+, 5+, and 7+). This places us in the **top 5% for 4+, 5+ and 7+ nationally**.
- **Textiles (2024):** Our students made remarkable progress, with a 41% improvement in 5+ grades and a 24% improvement in 4+ grades, placing us in the **top 1% nationally for both 4+ and 5+**.
- **Chemistry (2023):** We achieved outstanding results in Chemistry, with 11% above the national average at grade 4+ and 21% above at grade 5+, placing us in the **top 5% of schools nationally for both 4+ and 5+**.

Subjects with Excellent Results (Above National Average):

- **Art:** Consistently performing above national averages in both **2023** and **2024**, placing in the **top 20% nationally** for 4+ and 5+ grades.
- **Biology (2023):** Results were above national averages at grades **4+, 5+, and 7+**, placing us in the **top 35% of schools nationally**.
- **Chemistry (2024):** Continued strong performance above national averages at grades 4+ and 5+, placing us in the **top 18% of schools nationally**.
- **Photography (2023):** Results were above national averages at both 4+ and 5+.
- **Physics (2023):** Results were above national averages at both 4+ and 5+, placing us in the **top 35% of schools nationally**.
- **Combined Science (2023):** Results at grade 7+ were above the national average, with an average point score in the **top 17% nationally**.
- **GCSE PE (2023):** Results at 4+ were **above the national average**.
- **RE (2024):** Results at 7+ were **above the national average**.

English

Literature

Conflict Poetry: Ozymandias, London, Prelude, My Last Duchess, Storm on the Island, Tissue, Checking Out Me History

- literal and inferential comprehension: understanding a word, phrase or sentence in context; exploring aspects of characterisation, events and settings; distinguishing between what is stated explicitly and what is implied; explaining motivation, sequence of events, and the relationship between actions or events
- critical reading: identifying the theme and distinguishing between themes; supporting a point of view by referring to evidence in the text; recognising the possibility of and evaluating different responses to a text; using understanding of writers' social, historical and cultural contexts to inform evaluation; making an informed personal response that derives from analysis and evaluation of the text
- evaluation of a writer's choice of vocabulary, grammatical and structural features: analysing and evaluating how language, structure, form and presentation contribute to quality and impact; using linguistic and literary terminology for such evaluation
- comparing texts: comparing and contrasting texts studied, referring where relevant to theme, characterisation, context, style and literary quality; comparing two texts critically with respect to the above.

Literature

The strange case of Dr Jekyll & Mr Hyde: R.L Stevenson

- Understanding Themes: Explore major themes such as duality of human nature, the conflict between good and evil, and the impact of scientific experimentation.
- Character Analysis: Analyse the complex characters, particularly Dr. Jekyll and Mr. Hyde, their motivations, and their development throughout the story.
- Contextual Knowledge: Understand the historical, social, and cultural context of the novella, including the Victorian era and its views on science, morality, and identity.
- Plot and Structure: Examine the plot development, narrative structure, and key events that shape the story.
- Language and Style: Analyse Stevenson's use of language, literary techniques, and narrative style to create mood, build tension, and convey themes.
- Critical Interpretation: Develop skills in interpreting and evaluating different critical perspectives on the novella.
- Textual Evidence: Practise selecting and integrating appropriate textual evidence to support analysis and interpretations.
- Personal Response: Encourage students to form and articulate their personal responses to the text, supported by detailed analysis.
- Examination Preparation: Prepare for exam-style questions, including close reading of passages.

Mathematics

Foundation Mathematics Topics

Angles

- Solve geometric problems using side and angle properties of quadrilaterals.
- Identify congruent shapes.
- Understand and use the angle properties of parallel lines.
- Find missing angles using corresponding and alternate angles.
- Solve angle problems in triangles.
- Understand angle proofs about triangles.
- Calculate the interior and exterior angles of regular polygons.
- Calculate the interior and exterior angles of polygons.
- Explain why some polygons fit together and others do not.
- Solve angle problems using equations.
- Solve geometrical problems showing reasoning.

Higher Mathematics Topics

Graphs

- Find the gradient and y -intercept from a linear equation.
- Rearrange an equation into the form $y = mx + c$.
- Compare two graphs from their equations.
- Plot graphs with equations $ax + by = c$.
- Sketch graphs using the gradient and intercepts.
- Find the equation of a line, given its gradient and one point on the line.
- Find the gradient of a line through two points.
- Draw and interpret distance–time graphs.
- Calculate average speed from a distance–time graph.
- Understand velocity–time graphs.
- Find acceleration and distance from velocity–time graphs.
- Draw and interpret real-life linear graphs.
- Recognise direct proportion.

- Use x for the unknown to help you solve problems.

Averages

- Calculate the mean from a list and from a frequency table.
- Compare sets of data using the mean and range.
- Find the mode, median and range from a stem and leaf diagram.
- Identify outliers.
- Estimate the range from a grouped frequency table.
- Recognise the advantages and disadvantages of each type of average.
- Find the mode, modal class and median from a frequency table.
- Estimate the mean of grouped data.
- Understand the need for sampling.
- Understand how to avoid bias.

- Draw and use a line of best fit.
- Find the coordinates of the midpoint of a line segment.
- Find the gradient and length of a line segment.
- Find the equations of lines parallel or perpendicular to a given line.
- Draw quadratic graphs.
- Solve quadratic equations using graphs.
- Identify the line of symmetry of a quadratic graph.
- Interpret quadratic graphs relating to real-life situations.
- Draw graphs of cubic functions.
- Solve cubic equations using graphs.
- Draw graphs of reciprocal functions.
- Recognise a graph from its shape.
- Interpret linear and non-linear real-life graphs.
- Draw the graph of a circle.

Area and Volume

- Find the area and perimeter of compound shapes.
- Recall and use the formula for the area of a trapezium.
- Convert between metric units of area.
- Write error intervals for rounded values.
- Calculate upper and lower bounds.
- Convert between metric units of volume.
- Calculate volumes and surface areas of prisms.
- Calculate the area and circumference of a circle.
- Calculate area and circumference in terms of π .
- Calculate the perimeter and area of semicircles and quarter circles.
- Calculate arc lengths, angles and areas of sectors of circles.
- Calculate volume and surface area of a cylinder and a sphere.
- Solve problems involving volumes and surface areas.
- Calculate volume and surface area of pyramids and cones.
- Use a flow diagram to help you solve problems.

Transformations and Constructions

- Draw plans and elevations of 3D solids.
- Reflect a 2D shape in a mirror line.
- Rotate a 2D shape around a centre of rotation.
- Describe reflections and rotations.
- Carry out and describe combinations of reflections.
- Enlarge shapes by fractional and negative scale factors about a centre of enlargement.
- Translate a shape using a vector.
- Carry out and describe combinations of different transformations.
- Draw and use scales on maps and scale drawings.

- Solve problems involving bearings.
- Construct triangles using a ruler and compasses.
- Construct the perpendicular bisector of a line.
- Construct the shortest distance from a point to a line using a ruler and compasses.
- Bisect an angle using a ruler and compasses.
- Construct angles using a ruler and compasses.
- Construct shapes made from triangles using a ruler and compasses.

Biology

B8 Photosynthesis

- Recall the word and symbol equation for photosynthesis
- Describe photosynthesis as an endothermic reaction.
- Explain the effects of light intensity, carbon dioxide concentration, temperature, and amount of chlorophyll on the rate of photosynthesis.
- Interpret graphs showing how these variables affect the rate of photosynthesis.
- Investigate the effect of light intensity on rate of photosynthesis in an aquatic plant.

Required practical: Investigating the effect of light intensity on the rate of photosynthesis

B9 Respiration

- Recall the word and symbol equations for aerobic and anaerobic respiration.
- Describe respiration as an exothermic reaction and explain the importance of energy in cells.
- Describe the differences between aerobic and anaerobic respiration.
- Describe how the body reacts to an increased demand for energy.
- Define the term metabolism and give examples of metabolic reactions

Chemistry

C5 Chemical changes

- Describe how the reactivity of metals can be compared.
- Use word and symbol equations to explain how displacement reactions can be used to compare the reactivity of metals.
- Describe and explain the steps used in methods to produce pure, dry soluble salt crystals.
- Use word and balanced symbol equations to represent chemical reactions from general equations.
- Use the pH scale to compare solutions and explain how neutralisation occurs.
- **Required practical:** Producing soluble salts by neutralisation.

C6 Electrolysis

- Define the terms electrolysis, electrolyte, ion, oxidation, and reduction.
- Describe the process of electrolysis of molten ionic compounds.
- Make predictions about the products of electrolysis.
- Explain the products of the electrolysis of aluminium oxide.
- Explain the products of the electrolysis of aqueous sodium hydroxide
- **Required practical:** Electrolysis of solutions

Physics

P5 Electricity in the home

- Describe the difference between Alternating Current (A.C) and Direct Current (D.C) electrical sources.
- Explain the components in a 3 - pin plug.
- Explain how energy is conserved in terms of current and Potential Difference (P.D.) during energy transfers by an electric current.
- Use the equations $E = P \times t$, $P = V \times I$ and $P = I^2 \times R$ and $Q = I \times t$.
- Calculate and compare the electrical efficiency of an electrical device and the cost of using it.

Core Physical Education	<p>Self-Reflection</p> <ul style="list-style-type: none"> For students to understand what is meant by the term 'self-reflection and to be able to apply this knowledge to PA, Sport and further aspects of life. <p>Self-Care</p> <ul style="list-style-type: none"> Students will understand what is meant by the term 'self-care' and to be able to apply this knowledge to PA, Sport and further aspects of life. <p>Self-Appraisal</p> <ul style="list-style-type: none"> Students will gain an understanding of the term 'self-appraisal and will to be able to apply this knowledge to PA, Sport and further aspects of life. <p>Self-Improvement</p> <ul style="list-style-type: none"> Students will understand what is meant by the term 'self-improvement' and to be able to apply this knowledge to PA, Sport and further aspects of life.
ARRK Lessons Core Values Aspirational Resilient Respectful Kind	<p>Life Beyond School – Rights and Responsibilities</p> <ul style="list-style-type: none"> To understand how highly edited social media can distort our views on the real world To describe the three main types of targeted advertisements and explain how they work To can describe what marriage is and what marriage is not To understand the different types of rights and responsibilities that exist To understand the rights and responsibilities of consumers To understand different issues related to employee rights To understand what the common features of a payslip are

Option Subjects Overview

History	<p>The challenges of Natural Hazards: Tectonic and Weather.</p> <ul style="list-style-type: none"> The risks posed by natural hazards. The physical processes involved in creating natural hazards. The effects of and responses to natural hazards, comparisons between LIC, NEE and HIC. Global atmospheric circulation. Tropical storms, their impact, and effects on people. <i>Case study – Typhoon Haiyan</i> <i>Case study – Nepal Earthquake 2015</i> Extreme weather in the UK and the risks of Climate Change and its impacts. <p>Students will know:</p> <ul style="list-style-type: none"> How natural hazards are created. How we can manage the risks of living with natural hazards. How different countries prepare for and respond to natural hazards.
Geography	<p>Urban Challenges</p> <ul style="list-style-type: none"> How urban planning is improving the quality of life for the urban poor? Urban change in UK cities. A case study of a major city in a LIC or NEE - Lagos, Nigeria case study of a major city in the UK – London. <p>Learners will know:</p> <ul style="list-style-type: none"> Location and importance of each city. The causes of growth in each city. How urban growth has created opportunities and challenges (social and economic)?
Philosophy and Ethics	<p>Paper 1 Section 3: Living a Christian Life</p> <ul style="list-style-type: none"> Pilgrimage – What is the purpose of pilgrimages in Christianity? The future of the church at a local, national and international level.
Spanish	<p>10.5 Free Time and Leisure</p> <ul style="list-style-type: none"> Discussion of free time activities including sports, music and TV, using the present tense conjugation of regular and irregular verbs. Use of the perfect and imperfect past tense to discuss what you did when you were younger and last weekend. Use of adverbs of frequency to explain how often we complete certain activities. <p>10.6 Future Plans after School</p>

- Use of the near and simple future to discuss future study and job plans, with a focus on irregular verbs.
- Expressing future opinions with the use of negative structures.
- retrieval of the conditional tense to discuss future desires.

<p>3D Product Design</p>	<p>Experimentation with materials and techniques</p> <ul style="list-style-type: none"> • Learners build on their accurate and controlled skills by exploring more expressive and experimental types of mark making. • Learners start to explore techniques that provide opportunities to extend the personal, emotional and meaningful impact of their ideas linking to their chosen theme.
<p>Engineering</p>	<p>R040 - Product analysis and research</p> <p>This unit will enable students to perform effective product analysis. They will research existing solutions and assess the development of engineered products.</p> <p>Topics/skills covered in the R040 unit include:</p> <ul style="list-style-type: none"> • Development of dexterous skills. • Practical experience of product assembly and disassembly to appreciate manufacturing processes, design features and materials used. • Development of creativity and critical analysis through an understanding of the principles behind good design. • What makes a good product sell by analysing existing solutions. • Commercial production methods, including one-off, batch, mass, and continuous production • The importance of conformity to legislation. • Quality and safety standards. <p>The protection of intellectual property.</p>
<p>Textiles</p>	<p>Experimentation</p> <p>Experimentation in the following specialisms:</p> <ul style="list-style-type: none"> • Mark Making • Fabric Construction • Dyeing and Printing • Embellishment • Fabric Manipulation • Pattern Making • Presentation <p>Students build on their accurate and controlled skills by exploring more expressive and experimental ways of working with textile media. They will develop new practical skills by emulating the style of their chosen artist/designer</p> <p>Students start to explore techniques that provide opportunities to extend the personal, emotional, and meaningful impact of their ideas linking to their chosen theme where appropriate. An example of this could be basing developmental samples on their own photographs and drawings. Throughout Y10 students will learn about new textile artists and designers and develop their knowledge of the meaning behind many works of textile art and design.</p>

Food Technology	<p>Food Science</p> <p>This unit will enable learners to develop an understanding of the different scientific processes that are involved in food production and preparation.</p> <p>Topics and Skills Covered:</p> <p>Why food is cooked and the different methods of heat transfer.</p> <ul style="list-style-type: none"> Learners will learn a range of preparation and cooking methods, alongside the importance of time, to achieve the desired characteristics in practicals. Learners will study the functional and chemical properties of food, including denaturation, coagulation, gluten formation, foam formation, gelatinisation, dextrinization, caramelisation. Learners will understand the use and importance of chemical and mechanical raising agents.
Art	<p>Experimentation with materials and techniques</p> <ul style="list-style-type: none"> Learners build on their accurate and controlled skills by exploring more expressive and experimental types of mark making. Learners start to explore techniques that provide opportunities to extend the personal, emotional and meaningful impact of their ideas linking to their chosen theme.

Physical Education	<p>1.2a Components of fitness</p> <p>Components of fitness testing booklets (scores for coursework)</p> <p>1.2b Principles of Training</p> <p>Principles of training (FITT & SPOR) and optimising Training (training methods, warmups & cool downs)</p> <p>Practical Assessment</p> <p>Handball</p> <p>Netball</p>
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Health and Social Care	<p>Health conditions</p> <p>Learners will look at common lifelong factors that affect our health and care needs</p>			
	<p>Arthritis</p> <p>Cardiovascular conditions</p> <p>Coronary heart disease</p> <p>Cerebral vascular accident</p>	<p>Diabetes (type 2)</p> <p>Dementia</p> <p>Obesity</p>	<p>Asthma</p> <p>Chronic obstructive pulmonary disease</p> <p>COPD</p>	<p>Sensory impairments</p> <p>Physical impairments</p> <p>Learning disability.</p>
<p>Learners will look at common lifelong health Diseases Health services available:</p>				
	<p>Primary Care</p> <p>GP surgeries</p> <p>Dental care</p> <p>Out-of-hours services</p> <p>Telephone services</p> <p>Accident and emergency departments</p>	<p>Secondary Care</p> <p>Specialist medical care that includes:</p> <p>Rheumatology</p> <p>Respiratory medicine</p> <p>Cardiology</p> <p>Endocrinology</p>	<p>Tertiary Care</p> <p>Specialist medical care that includes:</p> <p>Oncology</p> <p>Transplant services</p> <p>Physiotherapy</p> <p>Speech and language therapy</p> <p>Occupational therapy</p> <p>Dietetics</p>	<p>Multidisciplinary team working</p> <p>How services work together, including referrals between services?</p>

Business

Human resources

- What are the different methods of recruitment that businesses use?
- What are the various stages of recruitment?
- What the different types of employment contracts that employers can issue to employees?

Staff development

- What are the various ways of developing staff and monitoring their work activities?

Information Technology

How can we create a user interface to meet a given audience's needs?

Learning Aim B: Creating a project plan, defining the project requirements, project risk and constraints, project timescales, storyboard and sketches, hardware, software and testing strategies.

Learning Aim C: Develop a functional user interface, reviewing and refining a user interface

Learners will also be completing component 1 of their coursework



Explorer
Aspirational



Scholar
Resilient



Leader
Respectful



Collaborator
Kind