

BIG IDEA: EQUALITY AND DIVERSITY

Value of the term: Achievement

Maths:

In this first term, Group 1 will be building fluency in their understanding of the number system, covering:

- Place value (tens and ones) using place value charts and equipment such as base 10s
- Partitioning numbers up to one hundred: breaking wholes into parts using concrete equipment and visual models
- Estimation using number lines
- Counting in 2s, 5s and 10s
- Beginning to learn the 3 times table
- Comparing and ordering numbers to 100
- Recognising number bonds to 10 then 100 (In tens)
- Adding and subtracting to 10 then adding and subtracting across 10
- Adding and subtracting 10s

Computing: E-Safety

Students will learn to be aware of their own digital footprint online. They will learn to be aware that people online are not always who they say they are. They will learn to be aware of the risks online related to Phising scams and how to avoid these.

RSE

Growing and Changing and Communication

RE

Buddhism

History

Black History Month

Geography

All Around the World

Group 1

Autumn Term 1 2024



English: Non-Fiction – Space Explorer

In this unit, the children select applicants to be trained as astronauts for a mission to Mars. They read about Neil Armstrong in the interactive eBook “A Huge First Step”, using the eBook’s features to find out about Neil Armstrong’s personal qualities. They focus on effective use of pronouns and fronted adverbials and use these in their writing tasks: to write a diary entry and a biography.

Cooking

Fairtrade Food

PE

Invasion Games

Science: Animals Including Humans

In this unit ‘Animals including humans’ children will learn how to; describe the simple functions of the basic parts of the digestive system in humans; Identify the different types of teeth in humans and their simple functions; Construct and interpret a variety of food chains, identifying producers, predators and prey

Art:

We're All Cut From the Same Cloth – Artists representative of Equality and Diversity

BIG IDEA: EQUALITY AND DIVERSITY

Value of the
term: Achievement

Maths: Place Value, Addition and Subtraction

- Place value of each digit in a three-digit number.
- Read, write, and compare numbers up to 1,000.
- Count in multiples of 50 and 100.
- Apply knowledge of place value in addition and subtraction.
- Master adding and subtracting numbers mentally and using formal written methods.
- Practice estimating answers and using inverse operations to check their calculations.

English: The Boy at the Back of the Class

Explore and discuss refugees from the different points of view of the characters in the story. Explore the features of an information text about refugees and be able to write a well-structured explanation of their own point of view. Write a letter about an issue using a formal tone.

RSE

Diversity

RE

What Matters Most

History

The Role of Women

Geography

Rivers

Group 2

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Invasion Games

Art:

We're All Cut From the Same Cloth – Artists representative of Equality and Diversity

Computing: Communication and Collaboration

In this unit learners explore how data is transferred over the internet. Learners initially focus on addressing, before they move on to the makeup and structure of data packets. Learners then look at how the internet facilitates online communication and collaboration; they complete shared projects online and evaluate different methods of communication. Finally, they learn how to communicate responsibly by considering what should and should not be shared on the internet.

Science: Animals Including Humans

This unit teaches the importance of diet, exercise and lifestyle in the way that bodies function. In this unit, the children will learn about the three main parts of the circulatory system and the job of the heart. Children learn the importance of exercise. Finally, children will learn about drugs and alcohol and how they can have an impact on our bodies, specifically in relation to the circulatory system.

BIG IDEA: EQUALITY AND DIVERSITY

Value of the term: Achievement

Maths: Place Value, Estimation and Rounding

- Understand the value of digits in decimals, measure and integers.
- Round numbers to a required number of decimal places
- Round numbers to a required number of significant figures
- Estimate calculations by rounding

Computing: Strategic Searching Online

How is IT being used for good in our lives? With an initial focus on IT in the home, learners explore how IT benefits society in places such as shops, libraries, and hospitals. Whilst discussing the responsible use of technology, and how to make smart choices when using it.

RSE

Health & Wellbeing

RE

Justice & Freedom

History

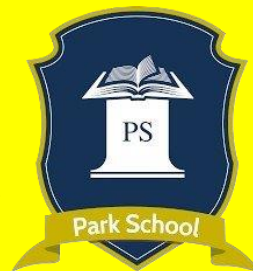
World War I

Geography

All About England

Group 3

Autumn Term 1 2024



English: The Explorer

- Overview of plot within the overall text – how do we recognise this?
- Setting – how does the author develop this through writing?
- Structure and pace – how is this developed through the author's writing?
- Characterisation
- Beginning to develop inference skills – how to make a 'guess' as to what may be occurring.
- Narrative voice – from the perspective of the author
- Analysis of language and linguistic devices (metaphors and similes)

Cooking

Fairtrade Food

PE

Football

ASDAN

Bronze Award

Science: Rocks and Weathering

In this unit pupils:

- learn about rock texture as one of the key characteristics of different rock types
- model rock texture
- learn about the processes of weathering, erosion, transportation and sedimentation
- relate processes, eg evaporation and dissolving, involved in rock formation to processes observed in other contexts
- consider processes operating on different timescales

Art: Artists who use creativity to promote understanding

BIG IDEA: EQUALITY AND DIVERSITY

Value of the
term: Achievement

Maths: Place Value, Addition and Subtraction

- Place value of each digit in a three-digit number.
- Read, write, and compare numbers up to 1,000.
- Count in multiples of 50 and 100.
- Apply knowledge of place value in addition and subtraction.
- Master adding and subtracting numbers mentally and using formal written methods.
- Practice estimating answers and using inverse operations to check their calculations.

Computing: Digital Media

This unit requires learners to use a range of different skills across several pieces of software. Learners will work between different applications to create a poster and slides on a given theme. The central theme focuses on embedding online safety and secure ways of working. Learners are given clear tasks for which they need to first plan and then implement a solution.

RSE

Health & Wellbeing

RE

Justice & Freedom

History

World War I

Geography

All About the UK

Group 4

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Football

ASDAN

Bronze Award

Science: Rocks and Weathering

In this unit pupils:

- learn about rock texture as one of the key characteristics of different rock types
- model rock texture
- learn about the processes of weathering, erosion, transportation and sedimentation
- relate processes, eg evaporation and dissolving, involved in rock formation to processes observed in other contexts
- consider processes operating on different timescales

English: The Explorer

- Overview of plot within the overall text - how do we recognise this?
- Setting - how does the author develop this through writing?
- Structure and pace - how is this developed through the author's writing?
- Characterisation
- Beginning to develop inference skills - how to make a 'guess' as to what may be occurring.
- Narrative voice - from the perspective of the author
- Analysis of language and linguistic devices (metaphors and similes)

Art Artists who use creativity to promote understanding

BIG IDEA: EQUALITY AND DIVERSITY

Value of the
term: Achievement

Maths: Place Value, Addition and Subtraction

- Place value of each digit in a three-digit number.
- Read, write, and compare numbers up to 1,000.
- Count in multiples of 50 and 100.
- Apply knowledge of place value in addition and subtraction.
- Master adding and subtracting numbers mentally and using formal written methods.
- Practice estimating answers and using inverse operations to check their calculations.

English: The Explorer

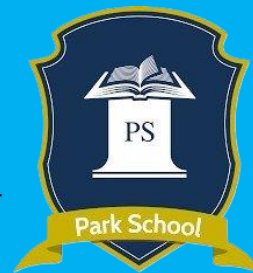
- Overview of plot within the overall text - how do we recognise this?
- Setting - how does the author develop this through writing?
- Structure and pace - how is this developed through the author's writing?
- Characterisation
- Beginning to develop inference skills - how to make a 'guess' as to what may be occurring.
- Narrative voice - from the perspective of the author
- Analysis of language and linguistic devices (metaphors and similes)

Computing: Digital Media

This unit requires learners to use a range of different skills across several pieces of software. Learners will work between different applications to create a poster and slides on a given theme. The central theme focuses on embedding online safety and secure ways of working. Learners are given clear tasks for which they need to first plan and then implement a solution.

Group 5

Autumn Term 1 2024



RSE

Relationships

RE

Justice & Freedom

History

World War I

Geography

All About England

Cooking

Fairtrade Food

PE

Football

ASDAN

Bronze Award

Science: Rocks and Weathering

In this unit pupils:

- learn about rock texture as one of the key characteristics of different rock types
- model rock texture
- learn about the processes of weathering, erosion, transportation and sedimentation
- relate processes, eg evaporation and dissolving, involved in rock formation to processes observed in other contexts
- consider processes operating on different timescales

Art Artists who use creativity to promote understanding

BIG IDEA: EQUALITY AND DIVERSITY

Value of the
term: Achievement

Maths: Place Value, Estimation and Rounding

- Understand the value of digits in decimals, measure and integers.
- Round numbers to a required number of decimal places
- Round numbers to a required number of significant figures
- Estimate calculations by rounding

English: The Hunger Games

Reading:

In-depth understanding of plot
Recognise the key features of a dystopian setting
Explore characterisation and the formation of antagonists, protagonists and key characters
Develop inference in terms of before, during and after reading.
Critical evaluation of the writers' methods and their effectiveness

Writing:

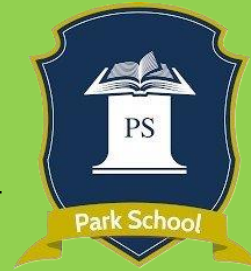
Apply the features of dystopian fiction to a piece of creative writing
Create an effective setting through extensive language and vocabulary choices
Develop key characters using descriptive devices and dialogue
Begin to use a range of structural devices such as flashbacks, flashforwards and cliff-hangers

Computing: Vector Graphics

This unit offers learners the opportunity to design graphics using vector graphic editing software. By the end of the unit learners will have produced an illustration, a logo, or some icons using vector graphics. Vector graphics can be used to design anything from logos and icons to posters, board games, and complex illustrations.

Group 6

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Football

ASDAN

Bronze Award

RSE

Relationships

RE

Life of Buddha

History

Vikings to Anglo Saxons

Geography

All About England

Science: Rocks and Weathering

In this unit pupils:

- learn about rock texture as one of the key characteristics of different rock types
- model rock texture
- learn about the processes of weathering, erosion, transportation and sedimentation
- relate processes, eg evaporation and dissolving, involved in rock formation to processes observed in other contexts
- consider processes operating on different timescales

Art Artists who use creativity to promote understanding

BIG IDEA: EQUALITY AND DIVERSITY

Value of the term: Achievement

Maths: Place Value, Estimation and Rounding

- Understand the value of digits in decimals, measure and integers.
- Round numbers to a required number of decimal places
- Round numbers to a required number of significant figures
- Estimate calculations by rounding

English: The Hunger Games

Reading:

In-depth understanding of plot
Recognise the key features of a dystopian setting
Explore characterisation and the formation of antagonists, protagonists and key characters
Develop inference in terms of before, during and after reading.
Critical evaluation of the writers' methods and their effectiveness

Writing:

Apply the features of dystopian fiction to a piece of creative writing
Create an effective setting through extensive language and vocabulary choices
Develop key characters using descriptive devices and dialogue
Begin to use a range of structural devices such as flashbacks, flashforwards and cliff-hangers

Computing: Python Programming

This unit introduces learners to how data can be represented and processed in sequences, such as lists and strings. The lessons cover a spectrum of operations on sequences of data that range from accessing an individual element to manipulating the entire sequence. The selection of problems used in the programming tasks are modelled on real-world scenarios.

Group 7

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Football

ASDAN

Bronze Award

RSE

Relationships

RE

Religion, Peace & Conflict

History

The Tudors

Geography

All About England

Science: Rocks and Weathering

In this unit pupils:

- learn about rock texture as one of the key characteristics of different rock types
- model rock texture
- learn about the processes of weathering, erosion, transportation and sedimentation
- relate processes, eg evaporation and dissolving, involved in rock formation to processes observed in other contexts
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Art Artists who use creativity to promote understanding

BIG IDEA: EQUALITY AND DIVERSITY

Value of the
term: Achievement

Maths: Calculations

- Use place value when calculating with decimals.
- Order positive and negative integers and decimals using the symbols =, ≠, <, >, ≤, ≥
- Round to a number of decimal places or significant figures.
- Add and subtract positive and negative integers and decimals.
- Multiply and divide positive and negative integers and decimals.
- Use the order of operations in multi-stage calculations.

Computing: Formulas in Spreadsheets

- Use an AutoSum tool to successfully calculate the total of at least two cells.
- Demonstrate how to input formulae for addition, subtraction, multiplication and division.
- Use the average function to find the average value of at least two cells.
- Apply formatting techniques to a table to make its content clear.
- Insert a graph, add appropriate labels and headings, and explain what the graph shows.

RSE

Relationships

RE

Religion & Social Justice

History

Germany - The Development of a Dictatorship

Geography

All About England

English: Roll of Thunder Hear My Cry by Mildred Taylor

Reading:

Overview of plot, Characterisation, Themes and methods used by Taylor to convey key ideas, Contextual issues, The socio-historical context of the novel, Explore the wider messages and how they link to the wider world we live in today, Develop awareness of characterisation, symbols, themes and motifs within the novel

Writing:

Include subject terminology confidently when analysing and writing responses, Embed a range of quotes and references to support ideas, Explore the contextual background of the play and how that links with the ideas within that text
Develop PEE within critical analysis of writing, Perform close analysis at both sentence and word level

Group 8

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Football

ASDAN

Bronze Award

Science: Bioenergetics

In this section we will explore how plants harness the Sun's energy in photosynthesis in order to make food. We will look at the processes of aerobic respiration and anaerobic respiration. Topics include: Photosynthetic reaction, Rate of photosynthesis, Uses of glucose from photosynthesis, Aerobic and Anaerobic Respiration, Response to exercise, Metabolism.

Art:

Introductory Phase Year 10 Term 1/2:
Foundation studies

BIG IDEA: EQUALITY AND DIVERSITY

Value of the
term: Achievement

Maths: Using numbers and the number system

Use given mathematical information including numbers, symbols, simple diagrams and charts; Recognise, understand and use simple mathematical terms appropriate to Entry Level 3; Use the methods given above to produce, check and present results that make sense to an appropriate level of accuracy; Present results with appropriate and reasoned explanation using numbers, measures, simple diagrams, charts and symbols appropriate to Entry Level 3.

English: Animal Farm

Reading:

Overview of plot, Characterisation, Themes and methods used by Orwell to convey key ideas, Contextual issues, The socio-historical context of the novel, Explore the wider messages of power and control, equality and power and how they link to the wider world we live in today - link to current events

Develop awareness of characterisation, symbols, themes and motifs within the novel.

Writing:

Include subject terminology confidently when analysing and writing responses, Embed a range of quotes and references to support ideas, Explore the contextual background of the novel and how that links with the ideas within that text, Develop PEE within critical analysis of writing.

Computing: ICT Safety at Work

Explain what is meant by the term e-safety, identify and describe two social engineering techniques, identify the four areas of online concerns i.e. content, conduct, contact and commerce. identify two of the main physical ICT risks and control measures, describe the key responsibilities employers have for ICT safety in the workplace, show how to navigate the internet safely, demonstrate how to access secure web sites.

Group 9

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Personal Fitness

ASDAN

Bronze Award

RSE

Relationships

RE

Religion & Social Justice

Humanities

ASDAN History Short Course -
Local History

Science: Bioenergetics

In this section we will explore how plants harness the Sun's energy in photosynthesis in order to make food. We will look at the processes of aerobic respiration and anaerobic respiration. Topics include: Photosynthetic reaction, Rate of photosynthesis, Uses of glucose from photosynthesis, Aerobic and Anaerobic Respiration, Response to exercise, Metabolism.

Art

Design & Technology

BIG IDEA: EQUALITY AND DIVERSITY

Value of the
term: Achievement

Maths: Angles & Polygons

- Describe and apply the properties of angles at a point, on a line and at intersecting parallel lines.
- Derive and use the sum of angles in a triangle.
- Derive and apply the properties and definitions of special types of quadrilaterals.
- Solve geometrical problems on coordinate axes.
- Identify and use congruence and similarity.
- Deduce and use the angle sum in any polygon and derive properties of regular polygons.

English: Animal Farm

Reading:

- Overview of plot
- Characterisation
- Themes and methods used by Orwell to convey key ideas
- Contextual issues
- The socio-historical context of the novel
- Explore the wider messages of power and control, equality and power and how they link to the wider world we live in today – link to current events
- Develop awareness of characterisation, symbols, themes and motifs within the novel.

Writing:

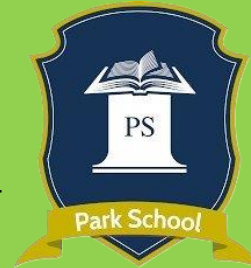
- Include subject terminology confidently when analysing and writing responses
- Embed a range of quotes and references to support ideas
- Explore the contextual background of the novel and how that links with the ideas within that text
- Develop PEE within critical analysis of writing.

Computing: ICT Safety at Work

Explain what is meant by the term e-safety, identify and describe two social engineering techniques, identify the four areas of online concerns i.e. content, conduct, contact and commerce. identify two of the main physical ICT risks and control measures, describe the key responsibilities employers have for ICT safety in the workplace, show how to navigate the internet safely, demonstrate how to access secure web sites.

Group 10

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Personal Fitness

ASDAN

Bronze Award

RSE

Relationships

RE

Religion & Social Justice

History

Germany – The Development of a Dictatorship

Geography

All About England

Science: Bioenergetics

In this section we will explore how plants harness the Sun's energy in photosynthesis in order to make food. We will look at the processes of aerobic respiration and anaerobic respiration. Topics include: Photosynthetic reaction, Rate of photosynthesis, Uses of glucose from photosynthesis, Aerobic and Anaerobic Respiration, Response to exercise, Metabolism.

Art Sustained Phase – The move to independent learning

BIG IDEA: EQUALITY AND DIVERSITY

Value of the term: Achievement

Maths: Using Numbers and the Number System

Place Value, Addition and Subtraction • Place value of each digit in a three-digit number. • Read, write, and compare numbers up to 1,000. • Count in multiples of 50 and 100. • Apply knowledge of place value in addition and subtraction. • Master adding and subtracting numbers mentally and using formal written methods. • Practice estimating answers and using inverse operations to check their work

Careers

- Be able to understand own personal development needs
- Be able to plan own personal development
- Be able to review own personal development
- Be able to plan for future personal development

ASDAN & Life Skills– Managing Money

- To understand how money is earned and spent.
- How people earn money and spend it.
- Hourly rate and Salary
- Support for those not in work
- Student loans

Group 11

Autumn Term 1 2024



RSE

Relationships

English:

Reading:

- Overview of plot
- Characterisation
- Themes and methods used by Orwell to convey key ideas
- Contextual issues
- The socio-historical context of the novel
- Explore the wider messages of power and control, equality and power and how they link to the wider world we live in today - link to current events
- Develop awareness of characterisation, symbols, themes and motifs within the novel.

Writing:

- Include subject terminology confidently when analysing and writing responses
- Embed a range of quotes and references to support ideas
- Explore the contextual background of the novel and how that links with the ideas within that text
- Develop PEE within critical analysis of writing.

PE

Personal Fitness

BIG IDEA: EQUALITY AND DIVERSITY

Value of the
term: Achievement

RSE

Health & Wellbeing

RE

Religion & Social Justice

Humanities

ASDAN History Short Course –
Local History

English: Stone Cold by Robert Swindells

Reading:

- Overview of plot
- Characterisation
- Themes and methods used by Swindells to convey key ideas
- Contextual issues
- The social context of the novel
- Explore the wider messages and how they link to the wider world we live in today
- Develop awareness of characterisation, symbols, themes and motifs within the novel

Writing:

- Include subject terminology confidently when analysing and writing responses
- Embed a range of quotes and references to support ideas
- Explore the contextual background of the novel and how that links with the ideas within that text
- Develop PEE within analysis of writing

Computing: Formulas in Spreadsheets

- Use an AutoSum tool to successfully calculate the total of at least two cells.
- Demonstrate how to input formulae for addition, subtraction, multiplication and division.
- Use the average function to find the average value of at least two cells.
- Apply formatting techniques to a table to make its content clear.
- Insert a graph, add appropriate labels and headings, and explain what the graph shows.

Group A1

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Football

ASDAN Personal Finance Short Course

Maths: Place Value & Properties of Number

- Place value of numbers up to 10 million and decimal numbers to within thousandths.
- Read, write and partition numbers up to 10 million
- Read, write and partition decimal numbers with thousandths
- Round numbers up to 10 million and round decimal numbers
- Place negative numbers on a number line and solve simple calculations involving negative numbers
- Count in multiples of 2, 5, 10, 3 and 4
- Count in multiples of 10, 100 and 1000
- Use mental arithmetic to carry out simple calculations
- Solve problems with increasingly larger numbers

Science: Bioenergetics

In this section we will explore how plants harness the Sun's energy in photosynthesis in order to make food. We will look at the processes of aerobic respiration and anaerobic respiration. Topics include: Photosynthetic reaction, Rate of photosynthesis, Uses of glucose from photosynthesis, Aerobic and Anaerobic Respiration, Response to exercise, Metabolism.

Art

Introductory Phase:
Foundation studies

BIG IDEA: EQUALITY AND DIVERSITY

Value of the term: Achievement

Maths: Place Value & Properties of Number

Place value of numbers up to 10 million and decimal numbers to within thousandths. • Read, write and partition numbers up to 10 million • Read, write and partition decimal numbers with thousandths • Round numbers up to 10 million and round decimal numbers • Place negative numbers on a number line and solve simple calculations involving negative numbers • Count in multiples of 2, 5, 10, 3 and 4 • Count in multiples of 10, 100 and 1000 • Use mental arithmetic to carry out simple calculations • Solve problems with increasingly larger numbers.

English: The Hunger Games

Reading:

In-depth understanding of plot
Recognise the key features of a dystopian setting
Explore characterisation and the formation of antagonists, protagonists and key characters
Develop inference in terms of before, during and after reading.
Critical evaluation of the writers' methods and their effectiveness

Writing:

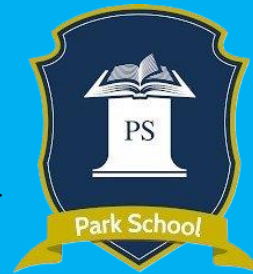
Apply the features of dystopian fiction to a piece of creative writing
Create an effective setting through extensive language and vocabulary choices
Develop key characters using descriptive devices and dialogue
Begin to use a range of structural devices such as flashbacks, flashforwards and cliff-hangers

Computing: Digital Media

This unit requires learners to use a range of different skills across several pieces of software. Learners will work between different applications to create a poster and slides on a given theme. The central theme focuses on embedding online safety and secure ways of working. Learners are given clear tasks for which they need to first plan and then implement a solution.

Group A2

Autumn Term 1 2024



Cooking

Fairtrade Food

PE

Football

ASDAN Uniformed Services Short Course

RSE

Health & Wellbeing

RE

Justice & Freedom

History

Vikings to Anglo Saxons

Geography

All About England

Science: Forces

In this unit pupils: • consolidate and build on their concept of force and its measurement • identify the origin of friction, air resistance, upthrust and weight and describe situations in which these forces act • distinguish between mass and weight • use the concept of speed • relate forces acting to changes in motion • identify situations in which forces are balanced and unbalanced

Art Artists who use creativity to promote understanding

BIG IDEA: EQUALITY AND DIVERSITY

Value of the term: Achievement

Maths: Place Value & Properties of Number

Place value of numbers up to 10 million and decimal numbers to within thousandths. • Read, write and partition numbers up to 10 million • Read, write and partition decimal numbers with thousandths • Round numbers up to 10 million and round decimal numbers • Place negative numbers on a number line and solve simple calculations involving negative numbers • Count in multiples of 2, 5, 10, 3 and 4 • Count in multiples of 10, 100 and 1000 • Use mental arithmetic to carry out simple calculations • Solve problems with increasingly larger numbers.

Computing: Vector Graphics

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RSE

Health & Wellbeing

RE

Justice & Freedom

English: The Hunger Games

Reading:

In-depth understanding of plot
Recognise the key features of a dystopian setting
Explore characterisation and the formation of antagonists, protagonists and key characters
Develop inference in terms of before, during and after reading.
Critical evaluation of the writers' methods and their effectiveness

Writing:

Apply the features of dystopian fiction to a piece of creative writing
Create an effective setting through extensive language and vocabulary choices
Develop key characters using descriptive devices and dialogue
Begin to use a range of structural devices such as flashbacks, flashforwards and cliff-hangers

Group A3

Autumn Term 1 2024



History

Vikings to Anglo Saxons

Geography

All About England

Cooking

Fairtrade Food

PE

Football

ASDAN

Bronze Award

Science: Forces

In this unit pupils: • consolidate and build on their concept of force and its measurement • identify the origin of friction, air resistance, upthrust and weight and describe situations in which these forces act • distinguish between mass and weight • use the concept of speed • relate forces acting to changes in motion • identify situations in which forces are balanced and unbalanced

Art Artists who use creativity to promote understanding

A C H I E **V** E M E N T

M O T I V **A** T I O N

R E S I **L** I E N C E

C O **U** R A G E

E M P O W E R

R E **S** P E C T