

BIG IDEA: HOW IT'S MADE

Value of the
term: Achievement

Maths: Place Value

Students will use place value counters and base 10 to represent and partition numbers up to 10,000, including flexible partitioning and using commas in larger numbers. They will explore number lines to 10,000, estimate and find midpoints, and link this to real-life scales. Students will compare and order numbers using inequality symbols, find 1, 10, 100, or 1,000 more or less, and round to the nearest 10, 100, or 1,000 without saying "round up" or "down." Learning will also include revisiting Roman numerals.

Computing: Systems & Searching

In this unit, learners explore how computer systems work and how information is transferred between devices. They identify inputs, processes, and outputs in real-world systems and learn how search engines find, rank, and display information, comparing different engines to understand how searches are influenced.

RSE

Safety

RE

Commitment

History

Stone Age to Iron Age

Geography

Magnificent Mountains

Group 1

Autumn Term 1 2025



Cooking

Diet & Food Choices

PE

Football

Art

How It's Made

Music

All That Jazz

MFL

French

English: There's a Werewolf in my Tent!

In this unit, students will use the text by Pamela Butchart to learn how to write a diary entry. They will study the key features of effective diaries, focusing on first-person writing, correct tense use, and chronological structure. Using a boxed-up planning format, children will draft, edit, and publish their own diary entries, applying success criteria and using tools like dictionaries. They will also perform their writing aloud to develop oral presentation skills. The unit concludes with comprehension sessions using the PEE structure (Point, Evidence, Explain) to deepen understanding of the text, which will be read throughout the term.

Science: Forces & Magnets

In this unit, students will explore different types of forces, including friction and magnetism. They will investigate how surfaces affect friction, identify magnetic materials and types of magnets, and examine when magnets attract or repel. Students will also measure magnet strength, record their findings in bar charts, and explain their predictions and conclusions using key scientific vocabulary.

BIG IDEA: HOW IT'S MADE

Value of the
term: Achievement

Maths: Reasoning and Problem Solving

In this unit, students will develop their reasoning and problem-solving skills by applying mathematical knowledge to a range of challenges. They will explore different strategies to explain their thinking, justify solutions, and spot patterns or relationships between numbers. Using a variety of representations such as bar models, number lines, and diagrams, children will learn to break problems into manageable steps, check the accuracy of their answers, and confidently explain their reasoning using mathematical vocabulary.

English: Land of Roar

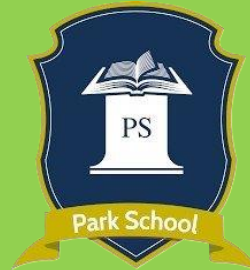
In this unit, children will develop their writing and creativity skills through letter writing and map design. They will write a letter from the perspective of Crowky, using appropriate tone, structure, and language to convey character and purpose. Building on their understanding of settings, they will design and describe their own map of Roar, including key geographical features and imaginative landmarks, demonstrating descriptive writing and spatial awareness.

Computing: Communication & Collaboration

In this unit, students explore how data is transferred over the internet, starting with addressing and the structure of data packets. They investigate online communication and collaboration through shared projects and evaluate different methods. Finally, students learn to communicate responsibly, considering what is appropriate to share online.

Group 2

Autumn Term 1 2025



RSE

Safety

RE

Islam

History

Mayan Civilisation

Geography

Raging Rivers

Cooking

Diet & Food Choices

PE

Football

Science: Animals & The Circulatory System

In this unit, students will learn about the circulatory system, including the heart, blood, and blood vessels, and how nutrients and water are transported. They will investigate how exercise, diet, drugs, and lifestyle affect the body, recording and analysing results accurately. Students will develop scientific enquiry skills, planning investigations, taking measurements, and presenting findings using charts, graphs, and written explanations.

Art

How It's Made

Music

All That Jazz

MFL

French

BIG IDEA: HOW IT'S MADE

Value of the
term: Achievement

Maths: Place Value

In this unit, students explore numbers up to 1,000,000, learning that place value columns follow consistent patterns from ones to millions. They use place value charts, Gattegno charts, and counters to understand relationships between columns and how numbers are constructed. Students also revise partitioning, investigating both standard and non-standard ways of composing numbers.

English: Small Things

In this unit, students develop reading, writing, and speaking skills through creating illustrated storyboards, letters and information posters. They learn to sequence and summarise events, write in the first person to convey thoughts and feelings and apply SPaG skills. Students create storyboards illustrating key moments in the boy's journey, write letters expressing his fears and the support of his sister, and design posters advising children where to seek help for mental health and wellbeing. They also explore how illustrations communicate complex emotions, structure responses using PEE, and discuss ideas orally, sharing opinions and giving and receiving feedback to support drafting, editing and publishing across different text types.

Computing: Digital Media

In this unit, students build on their Key Stage 2 experience by using a range of skills across different software applications. They create a poster and slides on a given theme, planning and implementing their solutions while applying both prior and newly learned skills. Clear tasks and a rubric guide their work, helping students focus on key aspects, and they practice assessing their own work and that of others against the rubric.

Group 3

Autumn Term 1 2025



RSE

Health & Wellbeing

RE

The World Around Me

History

World War I

Geography

Map Skills

Cooking

Healthy Diet

PE

Football

ASDAN

Bronze Award

Science: Nutrition, Health & Digestion

In this unit, students investigate nutrition, digestion, and how diet and lifestyle affect health. They carry out practical investigations, analyse data, and use scientific evidence to explain their findings, applying their knowledge to evaluate food choices and promote a balanced diet.

Art:

Product Design

BIG IDEA: HOW IT'S MADE

Value of the
term: Achievement

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Group 4

Autumn Term 1 2025



RSE

Health & Wellbeing

RE

The World Around Me

History

World War I

Geography

Map Skills

Science: Nutrition, Health & Digestion

In this unit, students investigate nutrition, digestion, and how diet and lifestyle affect health. They carry out practical investigations, analyse data, and use scientific evidence to explain their findings, applying their knowledge to evaluate food choices and promote a balanced diet.

Cooking

Healthy Diet

PE

Football

ASDAN

Bronze Award

Art

Product Design

BIG IDEA: HOW IT'S MADE

Value of the
term: Achievement

Maths: Estimation, rounding & co-ordinates

In this unit, students develop skills in estimation, rounding, and plotting coordinates. They learn to round numbers to a specified number of decimal places or significant figures and estimate calculations by rounding. Students also describe and plot coordinates, including non-integer values, in all four quadrants, and connect coordinates to equations and graphs to solve a range of problems.

Computing: Vector Graphics

In this unit, students learn to design graphics using vector software such as Vectr. They explore how vector graphics create logos, icons, posters, and illustrations, developing skills in the tools and processes involved. By the end, students will produce their own digital artwork, applying their knowledge to create polished vector designs.

RSE

Health & Wellbeing

RE

Ethics

History

Vikings to Anglo Saxons

Geography

Urbanisation

English: The First World War

In this unit, students explore World War I through historical non-fiction, diaries, interviews, and poetry to develop reading, writing, and speaking skills. They analyse facts, infer meaning, and consider multiple perspectives, including soldiers, families, and leaders. Students study diary and poetic conventions and use these to create their own diaries, interviews, and poems, refining work through drafting and editing. In speaking and listening, they participate in discussions, role-play, and perform texts, developing confidence, empathy, and awareness of audience and tone while deepening understanding of historical experiences.

Group 5

Autumn Term 1 2025



KS3 Choices:

Cooking – Healthy Diet
Art – Product Design
ASDAN – Bronze Award
Health & Fitness
Horticulture
Enterprise

PE

Football

Science: Moving by Force

In this unit, students explore how forces cause objects to move, including contact and non-contact forces like friction, gravity, and air resistance. They carry out experiments, analyse results, and use data to explain motion and predict outcomes. Students develop skills in planning fair tests, recording results, and presenting conclusions, applying scientific vocabulary to understand how forces affect movement in the real world.

BIG IDEA: HOW IT'S MADE

Value of the
term: Achievement

Maths: The Structure of the Number System

In this unit, students deepen their understanding of number and place value, including the value of digits in integers, decimals, and measures. They explore properties of numbers, learning about multiples, integer exponents and roots, and prime factorisation. Students also develop skills to compare and order positive and negative integers, decimals, and fractions.

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RSE

Health & Wellbeing

RE

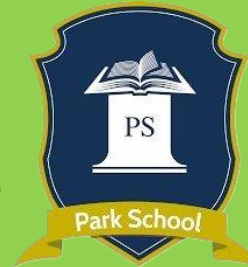
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Group 6

Autumn Term 1 2025



History

Vikings to Anglo Saxons

Geography

Urbanisation

KS3 Choices:

Cooking – Healthy Diet
Art – Product Design
ASDAN – Bronze Award
Health & Fitness
Horticulture
Enterprise

PE

Football

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RSE

Health & Wellbeing

RE

Ethics

History

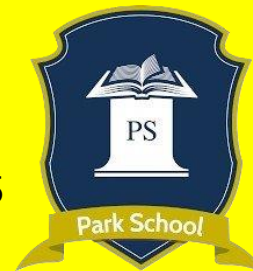
Vikings to Anglo Saxons

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Group 7

Autumn Term 1 2025



KS3 Choices:

Cooking – Healthy Diet
Art – Product Design
ASDAN – Bronze Award
Health & Fitness
Horticulture
Enterprise

PE

Football

Geography

Urbanisation

Science: Moving by Force

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BIG IDEA: HOW IT'S MADE

Value of the term:
Achievement

Maths: Estimate, rounding & plotting co-ordinates

In this unit, students explore geometry, estimation, and coordinates. They apply similarity, congruence, and Pythagoras' theorem to solve geometric problems. Students round numbers to a set number of decimal places or significant figures to make accurate estimates and connect coordinates, equations, and graphs by plotting and solving problems in all four quadrants.

Computing: Python Programming

In this unit, students learn how data can be represented and processed in sequences such as lists and strings. They explore a range of operations, from accessing individual elements to manipulating whole sequences. Through realistic and engaging programming tasks, students work with examples such as solar system data, book texts, capital cities, passwords, and ECG readings to develop their understanding of how data is organised and processed in computing.

RSE

Health & Wellbeing

RE

Religious Law

History

The Tudors

Group 8

Autumn Term 1 2025



English: The Hunger Games

In this unit, students explore themes such as power, survival, and rebellion through *The Hunger Games* and related texts. They analyse characterisation, narrative techniques, and dystopian conventions, making connections across fiction, non-fiction, and poetry. Students develop critical reading skills, using evidence to support interpretations and comparing how different texts convey meaning. In writing, they create narratives, news reports, and poems, applying first-person voice, figurative language, and journalistic structure while editing for accuracy. Through speaking and listening, students debate moral dilemmas, present reports, and perform poetry, building confidence and awareness of audience.

KS3 Choices:

Cooking – Healthy Diet
Art – Product Design
ASDAN – Bronze Award
Health & Fitness
Horticulture
Enterprise

Geography

Urbanisation

Science: Hidden Forces

In this unit, students investigate hidden forces such as magnetism, gravity, and electrostatics, exploring how they act at a distance to affect motion and interactions. Through experiments and data analysis, they identify patterns, apply mathematical relationships, and use scientific models to explain how invisible forces shape the physical world.

PE

Football

BIG IDEA: HOW IT'S MADE

Value of the term:
Achievement

Maths: Number

In this unit, students develop their number skills for practical situations, focusing on whole numbers, decimals, and fractions. They practise addition, subtraction, multiplication, and division, using these to solve everyday problems. Students learn to estimate, round, and check their calculations, apply number facts, and interpret simple numerical information, building confidence in handling numbers in real-life contexts.

English: Refugee Boy

In this unit, students study Benjamin Zephaniah's novel focusing on plot, characterisation, themes and the social and historical context. They explore how the author uses language, symbols and motifs to convey key ideas and link the text to contemporary issues. In writing, students develop analytical skills embedding quotes and subject terminology, using PEE to support interpretations and performing close analysis at both sentence and word level.

Computing: Digital Skills

In this unit, students learn about different types of digital devices, their features and uses. They explore application software, system settings and effective online navigation and searching. Students practise managing files to store and retrieve information, identifying system and user errors, and applying simple solutions to common technical problems to build confidence in using technology independently.

Group 9

Autumn Term 1 2025



Science: Cells

In this unit, students explore cells as the basic building blocks of living organisms. They identify different types of cells, understand their structures and functions, and investigate processes such as diffusion, osmosis and cell division. Students develop practical skills through observations and experiments, applying scientific vocabulary to explain how cells support life.

RSE

Health & Wellbeing

PE

Football/Health & Fitness

Life Skills

Public Transport

KS4 Qualifications:

Catering – Healthy Diets

Art – Identity

History – Crime & Punishment

Geography – Population

PE – Health, Training & Exercise

Travel & Tourism – Customer service in Travel & Tourism

Computer Science – Computer Systems

BIG IDEA: HOW IT'S MADE

Value of the term:
Achievement

Maths: Number

In this unit, students develop skills in calculations and estimation with integers and decimals. They use place value to add, subtract, multiply and divide, order numbers using inequality symbols, and apply the order of operations in multi-step calculations. Students also practise rounding to decimal places or significant figures and estimating calculations to improve accuracy and efficiency.

English: Refugee Boy

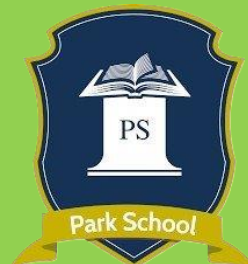
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Group 10

Autumn Term 1 2025



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RSE

Health & Wellbeing

PE

Football/Health & Fitness

Life Skills

Public Transport

KS4 Qualifications:

Catering – Healthy Diets

Art – Identity

History – Crime & Punishment

Geography – Population

PE – Health, Training & Exercise

Travel & Tourism – Customer service in Travel & Tourism

Computer Science – Computer Systems

BIG IDEA: HOW IT'S MADE

Value of the term:
Achievement

Maths: Expressions & Equations

In this unit, students develop their understanding of algebraic expressions and equations. They use algebraic notation accurately, understand key terms such as expressions, equations, formulae, terms and factors, and apply the laws of indices. Students learn to simplify expressions by collecting like terms, expanding brackets and factorising, including taking out common factors. They substitute values into expressions and formulae, rearrange equations to change the subject, and solve both simple linear and quadratic equations algebraically through factorisation.

English: The Crucible

In this unit, students study Arthur Miller's work, focusing on plot, characterisation, themes and the socio-historical context. They explore how Miller uses language, symbols and motifs to convey key ideas and connect the play's messages to wider social issues. In writing, students develop critical analysis skills, embedding quotes and subject terminology, linking context to ideas, and using PEE to structure responses. They also perform close analysis at sentence and word level to deepen their understanding of the text and its wider significance.

Computing: Digital Skills

In this unit, students learn about different types of digital devices, their features and uses. They explore application software, system settings and effective online navigation and searching. Students practise managing files to store and retrieve information, identifying system and user errors, and applying simple solutions to common technical problems to build confidence in using technology independently.

Group 11

Autumn Term 1 2025



Science: Cells

In this unit, students explore cells as the basic building blocks of living organisms. They identify different types of cells, understand their structures and functions, and investigate processes such as diffusion, osmosis and cell division. Students develop practical skills through observations and experiments, applying scientific vocabulary to explain how cells support life.

RSE

Health & Wellbeing

PE

Football/Health & Fitness

Life Skills

Job Applications

KS4 Qualifications:

Catering – Healthy Diets

Art – Identity

History – Crime & Punishment

Geography – Population
PE – Health, Training & Exercise

Travel & Tourism – Customer service in Travel & Tourism

Computer Science – Computer Systems

BIG IDEA: HOW IT'S MADE

Value of the term:
Achievement

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RSE

Health & Wellbeing

PE

Football/Health & Fitness

Life Skills

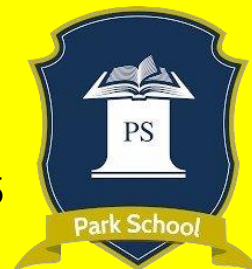
Job Applications

English: The Crucible

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Group 12

Autumn Term 1 2025



Science: Cells

In this unit, students explore cells as the basic building blocks of living organisms. They identify different types of cells, understand their structures and functions, and investigate processes such as diffusion, osmosis and cell division. Students develop practical skills through observations and experiments, applying scientific vocabulary to explain how cells support life.

KS4 Qualifications:

Catering – Healthy Diets

Art – Identity

History – Crime & Punishment

Geography – Population

PE – Health, Training & Exercise

Travel & Tourism – Customer service in Travel & Tourism

Computer Science – Computer Systems

BIG IDEA: HOW IT'S MADE

Value of the term:
Achievement

Maths: Estimate, rounding & plotting co-ordinates

In this unit, students explore geometry, estimation, and coordinates. They apply similarity, congruence, and Pythagoras' theorem to solve geometric problems. Students round numbers to a set number of decimal places or significant figures to make accurate estimates and connect coordinates, equations, and graphs by plotting and solving problems in all four quadrants.

Computing: Digital Skills

In this unit, students learn about different types of digital devices, their features and uses. They explore application software, system settings and effective online navigation and searching. Students practise managing files to store and retrieve information, identifying system and user errors, and applying simple solutions to common technical problems to build confidence in using technology independently.

RSE

Health & Wellbeing

RE

Religious Law

History

The Tudors

Group A1

Autumn Term 1 2025



English: The Hunger Games

In this unit, students explore themes such as power, survival, and rebellion through *The Hunger Games* and related texts. They analyse characterisation, narrative techniques, and dystopian conventions, making connections across fiction, non-fiction, and poetry. Students develop critical reading skills, using evidence to support interpretations and comparing how different texts convey meaning. In writing, they create narratives, news reports, and poems, applying first-person voice, figurative language, and journalistic structure while editing for accuracy. Through speaking and listening, students debate moral dilemmas, present reports, and perform poetry, building confidence and awareness of audience.

KS3 Choices:

Cooking – Healthy Diet
Art – Product Design
ASDAN – Bronze Award
Health & Fitness
Horticulture
Enterprise

PE

Football

Geography

Urbanisation

Science: The Respiratory System

In this unit, students explore the structure and function of the respiratory system and how it enables breathing and gas exchange. They learn about the mechanism of breathing, the movement of oxygen and carbon dioxide, and how this links to respiration. Students also consider the interdependence of body systems and examine factors that affect respiratory health, developing an understanding of how lifestyle choices and diseases impact this vital system.

BIG IDEA: HOW IT'S MADE

Value of the term:
Achievement

Maths: Estimate, rounding & plotting co-ordinates

In this unit, students explore geometry, estimation, and coordinates. They apply similarity, congruence, and Pythagoras' theorem to solve geometric problems. Students round numbers to a set number of decimal places or significant figures to make accurate estimates and connect coordinates, equations, and graphs by plotting and solving problems in all four quadrants.

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RSE

Health & Wellbeing

PE

Football/Health & Fitness

RE

Rebels

English: Let's Play Murder

In this unit, students develop creative and analytical skills through the story *Let's Play Murder*. They write a monologue for a character to reveal inner thoughts during a key moment and create a newspaper article inspired by the story, including key events, quotes, and structure. Students also analyse how the author builds suspense, exploring narrative techniques and language choices to deepen their understanding of storytelling.

Group A2

Autumn Term 1 2025



Science: Cells

In this unit, students explore cells as the basic building blocks of living organisms. They identify different types of cells, understand their structures and functions, and investigate processes such as diffusion, osmosis and cell division. Students develop practical skills through observations and experiments, applying scientific vocabulary to explain how cells support life.

KS4 Qualifications:

Catering – Healthy Diets

Art – Identity

History – Crime & Punishment

Geography – Population

PE – Health, Training & Exercise

Travel & Tourism – Customer service in Travel & Tourism

Computer Science – Computer Systems

History

Germany 1925 – 1955

BIG IDEA: HOW IT'S MADE

Value of the term:
Achievement

Maths: Expressions & Equations

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English: The Crucible

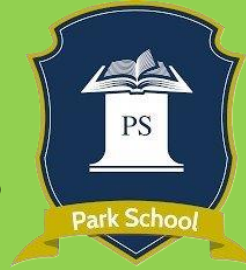
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Group A3

Autumn Term 1 2025



Science: Cells

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RSE

Health & Wellbeing

PE

Football/Health & Fitness

RE

Rebels

KS4 Qualifications:

Catering – Healthy Diets

Art – Identity

History – Crime & Punishment

Geography – Population

PE – Health, Training & Exercise

Travel & Tourism – Customer service in Travel & Tourism

Computer Science – Computer Systems