KS3 CURRICULUM MAP 2024-2025

Key: What are students learning?	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	TOPIC	**TOPIC**	**TOPIC**	**TOPIC**	**TOPIC**	**TOPIC**
English	**Non-Fiction Viewpoint Reading & Writing** Opinion & Persuasion **What are students learning:** **Topic:** Non-fiction Viewpoint Reading & Writing Focus on forming opinions and persuasive writing.	**Creative Non-Fiction Viewpoint Reading & Writing** Experience & Advice **What are students learning:** **Topic:** Creative Non-fiction Viewpoint Reading & Writing Writing based on personal experience and giving advice.	**Fiction Creative Reading & Writing** Characters & Setting **What are students learning:** **Topic:** Fiction – Creative Reading & Writing Focus on developing characters and settings in fiction.	**Fiction Creative Reading & Writing** Action & Atmosphere **What are students learning:** **Topic:** Fiction – Creative Reading & Writing Focus on action and atmosphere in stories.	**Non-Fiction Viewpoint Reading & Writing** Arguments & Essays **What are students learning:** **Topic:** Non-fiction – Viewpoint Reading & Writing Writing arguments and essays, focusing on structure and persuasion.	**Non-Fiction Viewpoint Reading & Writing** Explanations & Insights **What are students learning:** **Topic:** Non-fiction – Explanations & Insights Writing to explain and offer insight into various subjects.
Maths	**Baseline Assessment:** Pupil tracking and target setting **Number:** Multiples, factors and primes Rounding and estimating **Algebra:**	**Rates of Change:** Fractions Percentages **End of Autumn Term Assessment** Pupil tracking and target setting **Algebra:**	**Geometry:** Angle rules **Statistics:** Averages and spread **End of Term 3 Assessment** Pupil tracking and target setting	**Algebra:** Coordinates and graphs **Geometry:** Reflection and rotation Translation and enlargement	**Number:** Powers and roots Negative numbers BIDMAS **End of Term 5 Assessment** Pupil tracking and target setting **Statistics:**	**Rates of Change:** Percentages and proportion Units and scales Compound measures **End of Year 7 Assessment** Pupil tracking and target setting

	Algebraic expressions Formulae **End of Term 1 Assessment** Pupil tracking and target setting **Statistics:** Tables, charts and graphs **What are students learning:** **Topic:** Baseline Assessment, Pupil Tracking and Target Setting **Focus Areas:** Multiples, factors, primes, rounding, estimating, algebraic expressions, and formulae.	Equations Sequences and functions **Problem Solving** Activities Christmas Activities **What are students learning:** **Topic:** Statistics (Tables, Charts, Graphs) **Focus Areas:** Data interpretation, rate of change, fractions, and percentages.	**Geometry:** Perimeter and area Volume and surface area **What are students learning:** **Topic:** Algebra (Equations, Sequences, and Functions) Problem solving, equations, and understanding sequences.	**End of Spring Term Assessment** Pupil tracking and target setting **Rates of Change:** Ratio and proportion **What are students learning:** **Topic:** Geometry (Angle Rules, Averages, and Spread) **Focus Areas:** Understanding and applying geometric angle rules and statistical measures.	Probability Sets and Venn Diagrams **What are students learning:** **Topic:** Geometry (Perimeter, Area, Volume, and Surface Area) Applying geometric concepts to measure shapes and objects.	**Geometry:** 2D and 3D shapes Constructions **Prince's Trust:** Money management **What are students learning:** **Topic:** Algebra (Coordinates and Graphs) **Focus Areas:** Graphing and analysing coordinate points, working with ratios and proportions.
ICT	**Week 1-2: Introduction to ICT and Digital Literacy** Introduction to the course and objectives	**Week 7-8: Basic Computer Operations** Turning on and shutting down a computer properly	**Week 13-14: Digital Communication Tools** Introduction to email and instant messaging	**Week 19-20: Spreadsheet Software** Introduction to spreadsheet software	**Week 25-26: Advanced Word Processing Techniques**	**Week 31-32: Digital Collaboration Tools** Introduction to collaboration platforms

	Definition of ICT and digital literacy Importance of ICT in everyday life and the workplace Basic concepts of digital literacy **Week 3-4: Types of Digital Devices** Identifying various digital devices (computers, tablets, smartphones, etc.) Functions and uses of each device Comparing different devices (e.g., laptops vs. desktops) **Week 5-6: Operating Systems and Software** Overview of different operating systems (Windows, macOS, Linux) Basic functions of operating systems	Navigating the desktop and file system Creating, saving, and organizing files and folders **Week 9-10: Internet and Web Browsing** Understanding web browsers and search engines Basic internet skills (browsing, searching, bookmarking) Introduction to online research and evaluating sources **Week 11-12: Online Safety and Data Protection** Understanding online threats (viruses, phishing, spyware) Recognising and avoiding phishing attempts	Comparing email vs. instant messaging Using digital communication tools effectively **Week 15-16: Effective Digital Communication** Maintaining professionalism in digital communication Importance of tone and clarity in messages Digital etiquette and netiquette **Week 17-18: Word Processing Software** Introduction to word processing software (Microsoft Word, Google Docs) Creating and formatting documents Inserting images and tables into documents	(Microsoft Excel, Google Sheets) Creating and formatting spreadsheets Basic calculations and formulas **Week 21-22: Data Visualization** Creating charts and graphs from spreadsheet data Understanding different types of charts Interpreting and presenting data visually **Week 23-24: Presentation Software** Introduction to presentation software (Microsoft	Advanced formatting and styles in word processing software Using templates and macros Collaborating on documents (track changes, comments) **Week 27-28: Advanced Spreadsheet Techniques** Advanced formulas and functions (SUM, AVERAGE, IF statements) Data validation and conditional formatting Pivot tables and data analysis **Week 29-30: Project Management Tools** Introduction to project management software (Trello, Microsoft Project) Creating and managing projects	(Google Workspace, Microsoft Teams) Sharing and collaborating on documents and files Scheduling and conducting virtual meetings **Week 33-34: Online Research and Digital Literacy** Advanced online research techniques Evaluating sources and information credibility Citing sources and avoiding plagiarism **Week 35-36: Review and Assessment Preparation** Reviewing key concepts from the year Practical exercises and mock assessments Final portfolio preparation and submission **What are students learning:**

	Introduction to common software applications **What are students learning:** **Autumn 1 & 2 (Weeks 1–12):** **Focus Areas:** Introduction to ICT, digital literacy, types of devices, operating systems, basic computer operations, internet browsing, and online safety.	Best practices for online safety and creating strong passwords **What are students learning:** **Autumn 1 & 2 (Weeks 1–12):** **Focus Areas:** Introduction to ICT, digital literacy, types of devices, operating systems, basic computer operations, internet browsing, and online safety.	**What are students learning:** **Spring 1 & 2 (Weeks 13–24):** **Focus Areas:** Digital communication tools, word processing, spreadsheet software, data visualization, presentation software, and collaboration tools.	PowerPoint, Google Slides) Creating and formatting presentations Adding multimedia elements (images, videos) to presentations **What are students learning:** **Spring 1 & 2 (Weeks 13–24):** **Focus Areas:** Digital communication tools, word processing, spreadsheet software, data visualization, presentation software, and collaboration tools.	Assigning tasks and tracking progress **What are students learning:** **Summer 1 & 2 (Weeks 25–36):** **Focus Areas:** Advanced ICT tools (word processing, spreadsheets, project management), digital collaboration, online research, and preparing a final portfolio.	**Summer 1 & 2 (Weeks 25–36):** **Focus Areas:** Advanced ICT tools (word processing, spreadsheets, project management), digital collaboration, online research, and preparing a final portfolio.
Equality and Diversity	Unit 1: Section 1 - 5: Equality & Diversity in the Society	Unit 2: Section 1 - 4: Equality & Diversity in the Society	Unit 3: Section 1 - 2: Equality & Diversity in the workplace	Unit 1: Revision of Unit 1, Equality & Diversity in the society	Revision and redraft	Revision and redraft

What are students learning: **Equality and Diversity** • **Autumn:** ○ **Focus Areas:** Equality & Diversity in society – Sections 1–5. • **Spring:** ○ **Focus Areas:** Equality & Diversity in society (Sections 1–4), Equality & Diversity in the workplace (Sections 1–2). • **Summer:** ○ **Focus Areas:** Revision of equality and diversity topics in society and the workplace.						
PE	Badminton Fitness test NCFE – OCC	Badminton/Basketball Fitness test NCFE – OCC	Basketball Fitness test NCFE – OCC	Table tennis Fitness test NCFE – OCC	Table tennis/football NCFE – OCC	Cricket NCFE – OCC
What are students learning: **PE (Physical Education)** • **Autumn 1 & 2:** ○ **Focus Areas:** Badminton and fitness testing, including practical NCFE – OCC (National Certificate in Fitness and Coaching). • **Spring 1 & 2:** ○ **Focus Areas:** Basketball and table tennis, fitness tests, and NCFE – OCC. • **Summer 1 & 2:** ○ **Focus Areas:** Table tennis, football, and cricket, with further NCFE – OCC assessments.						
RSHE	Unit 1 : Respectful Relationships. Online & Media, Mental Wellbeing, Internet Safety, Intimate Relationships	Unit 3 : Mental Wellbeing, Being Safe, Basic First Aid **What are students learning:**	Unit 4 : Mental Wellbeing, Physical Health, Healthy Eating **What are students learning:**	Unit 5 : Respectful and Intimate Relationships, Being Safe **What are students learning:**	Unit 6 : Changing Adolescent Body, Body Image, Families, Mental Wellbeing **What are students learning:**	RECAP Live Study Examples (Documentaries, Interviews, Podcasts) **What are students learning:**

	Unit 2: Families, Respectful Relationships, Being Safe **What are students learning:** Understanding how to build healthy and respectful relationships with peers and adults. How to protect themselves online, including understanding the risks of social media and online predators. Developing an awareness of mental health, how to maintain good mental wellbeing, and recognizing the signs of poor mental health. Understanding healthy relationships, consent, and emotional readiness in intimate relationships.	Understanding different types of families and the roles they play in supporting individuals. This includes the idea of supportive relationships in families. **:** Further exploration of how to maintain respectful and healthy relationships in various contexts (family, friendships, school). Understanding personal safety in relationships, including safe boundaries and how to seek help if needed.	Delving deeper into strategies for promoting mental health, such as stress management and building resilience. Focusing on personal safety strategies, understanding the importance of personal boundaries and recognizing signs of abuse. Basic skills in first aid, including how to respond to common emergencies like cuts, burns, and fainting.	More on maintaining positive mental health, including mindfulness and techniques to cope with anxiety or depression. Promoting a healthy lifestyle, including exercise, nutrition, and the importance of physical activity. The importance of a balanced diet, understanding nutrients, and how they affect overall health. This might include practical lessons on cooking healthy meals.	Exploring deeper aspects of intimate relationships, such as consent, communication, and understanding of different sexualities. Expanding on personal safety, with a focus on sexual health, protecting oneself from harm, and how to safely navigate relationships.	Understanding physical changes during puberty, how the body changes, and how to deal with these changes confidently. Addressing issues around self-esteem, body image, and the impact of social media and societal pressures. Reassessing the importance of family relationships and support, as well as how adolescents might interact with family dynamics during this time. Continuing to focus on mental health, especially in relation to the stresses of growing up and navigating personal challenges.
Science	Baseline Assessment:	Eating, Drinking & Breathing continued	Elements, Compounds & Reactions	Forces & their Effects continued	Energy Transfers and Sound continued	Looking at Plants & ecosystems continued

	Cells Eating, Drinking & Breathing **What are students learning:** Baseline Assessment: Initial diagnostic testing to assess student knowledge and set learning targets. Cells: Understanding the structure and function of cells, the basic unit of life, including cell types (animal, plant, bacteria) and their functions. Eating, Drinking, and Breathing: How food, water, and oxygen are processed by the body, and their roles in maintaining health. This includes the digestive, respiratory, and circulatory systems.	Mixing, Dissolving & Separating **What are students learning:** **Mixing, Dissolving, and Separating:** Investigating physical changes like dissolving and separating substances (filtration, evaporation, etc.). **Elements, Compounds, and Reactions:** An introduction to the periodic table, how elements combine to form compounds, and the basics of chemical reactions (e.g., acids and bases).	Forces & their Effects **What are students learning:** **Forces and Their Effects:** Understanding different types of forces (gravity, friction, magnetism) and their effects on objects, such as motion, speed, and direction. **Force Calculations:** Using basic equations to calculate force and mass (F = ma, Newton's laws of motion).	Energy Transfers and Sound **What are students learning:** Energy Transfers and Sound: Understanding the different forms of energy (kinetic, thermal, sound) and how energy is transferred. Sound Waves: Studying how sound is produced, transmitted, and received, and exploring the properties of sound waves (frequency, pitch, amplitude).	Getting the energy your body needs Looking at Plants & ecosystems **What are students learning:** **Getting the Energy Your Body Needs:** Exploring the types of energy (nutrients, calories) the body requires to function and how the body processes food into energy. **Looking at Plants and Ecosystems:** Investigating how plants grow, photosynthesis, and the role of plants in ecosystems. This includes studying food chains and energy transfer within ecosystems.	Physical Changes **What are students learning:** **Physical Changes:** Focusing on physical changes in matter, including changes in state (solid, liquid, gas), and how they differ from chemical changes. **Review of Key Science Concepts:** Review of all topics covered throughout the year to consolidate knowledge.
Personal Development	**Living in the Wider World (Media and digital literacy)**	**Physical Health** E-cigs, vaping and shisha	**Bullying and Discrimination –** Bullying or Banter?	**Community and Responsibility –**	**Money and Work** Managing Pocket Money	**Reflecting on the Past Year** End of Year Reflection

	Internet Safety – How can we avoid online groomers? Digital Safety - Power of the Selfie Human Rights - Human Trafficking **Community and Responsibility** LAW AND YOUNG OFFENDERS - How does the law deal with young offenders? Misogyny and Sexism **Community and Responsibility/ Personal Safety** Acid attacks **Growing and Changing** Aspirations - Being an aspirational student	Dangers of Alcohol Healthy eating (cooking fajitas and stirfry) **Mental Health –** Health and Well Being Positive Mental Health	Racism Gender Stereotypes in the Workplace **British Values (tolerance)** Mutual Respect and Tolerance Human Rights	Communication and Teamwork Getting to know People **Money and Work –** What is an Entrepreneur? Job Opportunities Exploring Careers	**Community and Responsibility** Racial Justice in the UK Rights and Responsibilities Morals – the importance of doing the right thing Volunteering	**Preparation for Next Phase** End of Term Activities Booklet **Revision and Memory** Using Time Productively The Importance of Organisation Revision Tips

Key Stage 3 Curriculum Map 2024-2025: Reading, Numeracy, and Assessment Opportunities

Below is an outline of reading opportunities, numeracy opportunities, and assessment opportunities for each subject based on the curriculum map provided.

English

- **Reading:** Non-fiction & Fiction Texts: Students will read and analyse a variety of non-fiction and fiction texts. This includes analysing viewpoints, persuasive texts, creative fiction, and descriptive writing. Reading Comprehension: In each term, students will focus on reading comprehension, understanding plot, character, and themes, as well as interpreting meaning from texts.
- **Numeracy:** No direct numeracy focus in English, but students may work with numbers in persuasive writing (e.g., statistics, percentages) and in explaining arguments.
- **Assessment Opportunities:** Reading & Writing Assessments: Assessments will focus on students' ability to interpret and analyse texts, form persuasive arguments, and use appropriate writing techniques. End-of-Term Assessments: Regular assessment of students' progress through the year in both reading and writing skills.

Maths

- **Reading:** Word Problems & Explanations: Students will read word problems and mathematical explanations, requiring them to understand and interpret written descriptions of numerical scenarios (e.g., algebra, geometry problems). Instructions & Formulas: Reading mathematical formulas and instructions for solving problems, such as in algebra or geometry.
- **Numeracy:** Core Mathematical Skills: Numeracy is the central focus in Maths, covering topics such as:
    - Basic Arithmetic: Addition, subtraction, multiplication, and division.
    - Multiples, Factors, and Primes
    - Fractions, Percentages, and Ratios
    - Algebra: Working with expressions, equations, and solving for unknowns.

- Geometry & Measurement: Understanding units of measurement, areas, perimeters, and volumes.
- Statistics: Interpreting data in graphs, tables, and charts.

- **Assessment Opportunities:**
  - Baseline Assessment: At the start of the year, to assess students' understanding of basic numeracy.
  - End of Term Assessments: Regular assessments at the end of each term (e.g., algebra, statistics, geometry).
  - Problem Solving & Application Assessments: Through problem-solving activities, students' ability to apply maths in real-life contexts will be assessed.
  - Final Year 7 Assessment: At the end of the year to assess overall understanding of the topics covered.

ICT (Information and Communication Technology)

- **Reading:** Research and Online Reading: Students will read various digital sources such as websites, e-books, and articles to research topics and gather information for projects. Instructions and Guidelines: Reading user manuals, software help guides, and step-by-step instructions for using digital tools.
- **Numeracy:** Spreadsheet Skills: Using numeracy skills to create and manipulate spreadsheets, including calculating sums, averages, and applying formulas (SUM, AVERAGE, etc.). Data Visualization: Students will work with data to create graphs, tables, and charts, interpreting data sets numerically.
- **Assessment Opportunities:**
  - Project-Based Assessments: Students will complete projects such as creating presentations, spreadsheets, and using word processing tools to demonstrate their ICT knowledge.
  - Practical Assessments: Regular assessments of practical tasks in software tools (e.g., Microsoft Word, Excel, PowerPoint), with a focus on students' ability to use these tools effectively.

- Final Portfolio: At the end of the year, students will submit a portfolio showcasing their work and knowledge of ICT tools and digital literacy.

Equality and Diversity

- **Reading**: Case Studies and Articles: Students will read materials related to equality and diversity issues, such as real-life case studies, articles on discrimination, and human rights. Texts on Societal Issues: Reading materials focusing on societal topics such as equality in the workplace, gender, race, and other forms of social justice.
- **Numeracy:** No direct numeracy focus in Equality and Diversity, though students may interpret statistics on social issues (e.g., gender pay gaps, diversity in workplaces).
- **Assessment Opportunities:** Unit End Assessments: After studying each unit, students may complete assessments or projects where they analyse case studies or discuss issues related to diversity, human rights, and equality. Essay/Reflection Assessments: Students may be assessed on their ability to critically reflect on social justice issues and demonstrate understanding through written responses.

PE (Physical Education)

- **Reading: Instructions & Guidelines:** Students will read and follow instructions for various activities, games, and exercises. They may also read about the rules and strategies of different sports. Health & Fitness Information: Reading materials on fitness, nutrition, and health-related topics.
- **Numeracy:** Fitness Testing & Measurements: Using numeracy to measure performance in fitness tests, track improvements (e.g., time, distance, repetitions). Scores and Statistics: Recording and analysing performance data, including scores in team sports and individual activities.
- **Assessment Opportunities:** Fitness Assessments: Throughout the year, students will be assessed on their physical abilities in various fitness tests. Practical Performance Assessments: In each sport (e.g., badminton, basketball), students will be assessed based on skill execution, teamwork, and knowledge of game rules.

RSHE (Relationships, Sex, and Health Education)

- **Reading: Health and Safety Articles:** Students will read texts about online safety, personal safety, and mental health. Case Studies & Real-Life Scenarios: Reading case studies that address issues like bullying, mental health, and relationships, helping students develop empathy and critical thinking. First Aid Guidelines: Reading instructions for basic first aid, emergency procedures, and safety protocols.

- **Numeracy:** No direct numeracy focus in RSHE, although students might analyse statistical data related to health (e.g., surveys on mental wellbeing, health reports).
- **Assessment Opportunities:** Written Reflection & Essays: Assessments include written reflections on case studies, essays on mental health, and respectful relationships. Practical Assessments: Assessing students' ability to demonstrate understanding in personal safety and first aid. End-of-Term Assessments: Formal assessments based on their understanding of topics like relationships, mental wellbeing, and physical health.

Science

- **Reading: Scientific Texts & Articles:** Students will read scientific papers, lab reports, and articles to understand concepts like forces, energy, ecosystems, and physical changes. Text-Based Instructions: Reading instructions for experiments, processes, and scientific procedures.
- **Numeracy: Data Analysis:** Students will collect, analyse, and interpret data from experiments and scientific investigations (e.g., using graphs and tables). Measurements & Calculations: Applying numeracy skills in experiments (e.g., measuring force, calculating speed, volume, etc.), and understanding scientific formulas and equations.
- **Assessment Opportunities:** Lab Reports & Practical Assessments: Students will be assessed based on their ability to follow experimental procedures, record observations, and analyse results. End-of-Term Assessments: Tests and quizzes that assess both theoretical knowledge and practical application in science.

Personal Development

- **Reading: Case Studies on Social Issues:** Reading articles, reports, or case studies on social issues, bullying, racism, and other community matters. Health & Safety Articles: Reading about physical health, mental wellbeing, and personal safety.
- **Numeracy:** No direct numeracy focus in Personal Development, although students may work with basic financial concepts (e.g., managing pocket money, budgeting).
- **Assessment Opportunities:** Written Assignments & Essays: Reflecting on personal growth, mental health, and societal issues. End-of-Year Reflection: Students will be assessed on their understanding of the topics covered throughout the year, often through a reflective assessment or portfolio submission.