

Ivybridge Community College

Key Stage 3 Assessment Topic List Year 9



Respect Aspiration Integrity Compassion

Year 9 End of Year Assessment

Subject	English
Year Group	Year 9
Assessment details	<ul style="list-style-type: none"> Students are presented with an unseen non-fiction writing task. They have a lesson to complete this task. The task is part of an assessment completed by students across the country with the task set by the company that runs the assessment. The task is intended to assess how well students can write.
Topics covered	<p>The 'topic' is very broad: writing. Within this, the following knowledge is particularly important:</p> <ul style="list-style-type: none"> How to plan and write an engaging text that is appropriate for task goal, audience and type. How to craft the content, language and structure of a text for effect. How to paragraph. How to use spelling, punctuation and grammar both accurately and for effect. In particular, how to write grammatically complete and well-punctuated sentences.

Revision guidance

- Students should revise the items above, giving particular attention to the basic building blocks of writing: spelling, punctuation and grammar.
- BBC Bitesize is a useful free revision resource. While most students will find the Key Stage 3 resources or GCSE resources most useful, the Key Stage 2 resources can also be appropriate tools in some cases (please note the filter at the top of the page that allows you to avoid the resources pitched at very young students).

Stage	BBC Bitesize Resources
Key Stage 2	Spelling - https://www.bbc.co.uk/bitesize/topics/zt62mnb Prefixes, suffixes - https://www.bbc.co.uk/bitesize/topics/zqqs6f Punctuation - https://www.bbc.co.uk/bitesize/topics/zvwxnb Sentences - https://www.bbc.co.uk/bitesize/topics/zwwp8mn
Key Stage 3	Writing skills: https://www.bbc.co.uk/bitesize/topics/z43dwnb Spelling - https://www.bbc.co.uk/bitesize/topics/z43dwnb Punctuation - https://www.bbc.co.uk/bitesize/topics/z6jpn9q Grammar - https://www.bbc.co.uk/bitesize/topics/ztqnsk7
Key Stage 4	Spelling - https://www.bbc.co.uk/bitesize/guides/zs47xsg/revision/1 Punctuation - https://www.bbc.co.uk/bitesize/guides/zc2sv4j/revision/1 Grammar - https://www.bbc.co.uk/bitesize/guides/z2y9dmn/revision/1



Year 9 End of Year Assessment

Subject	Mathematics
Year Group	Year 9 - End of Key Stage 3 As this is an end of Key Stage 3 test, content from Year 7 and Year 8 may be tested, please see below for details.
Assessment details	Paper 1 - Non-Calculator- 45 marks Mathematical facts. Knowledge and Numeracy (fluency) Paper 2 - Calculator – 45 marks Reasoning and problem solving Equipment needed: Pen, pencil, ruler, protractor, compass and calculator for Paper 2
Topics covered	<ul style="list-style-type: none"> • Geometrical properties: similarity • Probability • Non-linear relationships • Expressions and formulae • Standard form and indices • Linear graphs (Year 8) • Transformations (Year 7) • Statistics (Year 7 and 8)

Revision guidance- Use Sparx independent learning function to revise and highlight the codes as you complete. Ask your teacher which codes to focus on.

Geometrical Properties: Similarity <ul style="list-style-type: none"> • Recognise congruent shapes and apply congruency tests to triangles M124 • Identify similar 2D shapes M377, M324
Probability: <ul style="list-style-type: none"> • Experimental probability M332 • Relative frequency M206 • Sample space diagrams M718 • Venn diagrams M829 • Probabilities from Venn diagrams M419 • Venn diagrams with set notation M834
Non-Linear relationships: <ul style="list-style-type: none"> • Special sequences M981 • Position-to-term rules for quadratic sequences M418
Expressions and formulae: <ul style="list-style-type: none"> • Expanding single brackets M237 • Expanding single brackets and simplifying expressions M792 • Expanding double brackets M960



- Factorising into one bracket **M100**
- Change the subject of a formula **M242, M983**
- Change subject where subject appears twice making use of factorising **M983**

Standard form and indices

- Index rules with positive indices **M608**
- Index rules with negative indices **M150**
- Using standard form with positive indices **M719**
- Using standard form with negative indices **M678**

Simple linear graphs

- Reading and plotting coordinates **M618**
- Plotting straight line graphs **M932**
- Plotting real-life straight-line graphs **M843**
- Interpreting real-life graphs **M771**

Statistics (Year 7 and Year 8)

- Calculating the range, median and mean **M328, M940, M841, M934**
- Drawing and interpreting pie charts **M574, M165**
- Plotting and interpreting scatter graphs **M769, M596**

Transformations (Year 7 and 8)

- Translation **M139**
- Reflection **M290**
- Rotation **M910**
- Enlargement **M178**



Year 9 End of Year Assessment

Subject	Science
Year Group	Year 9
Assessment details	<p>The assessment consists of 90 multiple choice questions. Each question is worth 1 mark.</p> <p>The assessment covers Biology, Chemistry, Physics and Working Scientifically.</p> <ul style="list-style-type: none">• Working Scientifically: 15 marks• Biology: 25 marks• Chemistry: 25 marks• Physics: 25 marks
Topics covered	<p>Biology</p> <ul style="list-style-type: none">• Cells (animal cells, plant cells and specialist cells)• Diffusion and osmosis• Active transport• Cell division• Stem cells• Cancer <p>Chemistry</p> <ul style="list-style-type: none">• History of the atom and atomic structure• Atoms, ions and isotopes• Separation techniques• The Periodic Table (including Group 1 and Group 7)• Bonding (ionic, covalent and metallic bonding) <p>Physics</p> <ul style="list-style-type: none">• Energy stores, pathways and conservation of energy• Efficiency• Power• Energy transfer by heating• Specific heat capacity• Renewable and non-renewable energy resources• Fossil fuels <p>Working scientifically</p> <ul style="list-style-type: none">• Variables• Measurement and units• Graphs• Mathematics skills

Revision guidance

Students should revise the topics in the list above.

We recommend BBC bitesize ([KS3 - England - BBC Bitesize](https://www.bbc.com/bitesize)) as a revision resource. This includes summary information, videos and practice questions.



Year 9 End of Year Assessment

Subject	Geography
Year Group	Year 9
Assessment details	<ul style="list-style-type: none"> • 50 multiple-choice questions worth 1 mark each • Questions to assess contextual world knowledge, geographical understanding and concepts, and geographical enquiry, which is taught across all units, as well as questions focused on Units 1-4.
Topics covered	<p>Contextual World knowledge (knowing what and where) Including continents, oceans, UK, lines of latitude, distribution of people/resources, location of case studies.</p> <p>Geographical Concepts (knowing how and why) Core disciplinary concepts of place, space, scale and the additional broader concepts (patterns, processes, systems, interactions, sustainability, values and perspectives). Human and physical geography and how geographers categorise information, e.g. social, economic, environmental, short/long term, local/national/global</p> <p>Geographical Enquiry (knowing how to) Knowing the name of and how to interpret different types of maps (including choropleth, Ordnance Survey) and graphs (e.g. climate), grid references, how to interpret a map/graph (trend, evidence, anomaly), how to describe the location of a place (CLOCC), the geographical enquiry process (fieldwork) and atlas skills.</p> <p>Unit 1: Climate change Unit 2: Middle East Unit 3: Coasts Unit 4: Russia</p>

Revision guidance

[What is geography? - BBC Bitesize](#)

[Map symbols, direction and contour lines - BBC Bitesize](#)

[Measuring distances and grid references - BBC Bitesize](#)

[Using graphs - BBC Bitesize](#)

[Environment, resources and conflict - KS3 Geography - BBC Bitesize](#)

[Climate change - KS3 Geography - BBC Bitesize](#)

[Coasts - KS3 Geography - BBC Bitesize](#)

[Geography: KS3](#) - choose Middle East

[Regional study - Russia - KS3 Geography - BBC Bitesize](#)



Year 9 Mid-Year Assessment

Subject	History
Year Group	Year 9
Assessment details	<ul style="list-style-type: none">• 50 multiple-choice questions worth 1 mark each• Questions assess core vocabulary and definitions, chronology, centuries, contemporary source inferences and interpretations from extracts of historical scholarship.
Topics covered	<ul style="list-style-type: none">• The causes of World War One• World War Two• The use of propaganda• The treatment of minority groups between 1933 – 1945• British Civil Rights

Revision guidance

[World War One - KS3 History - BBC Bitesize](#)

[Inter-war Germany - KS3 History - BBC Bitesize](#)

[World War Two and the Holocaust - KS3 History - BBC Bitesize](#)

[Post-war migration - KS3 History - BBC Bitesize](#)

[The struggles against racism and for human rights - KS3 History - BBC Bitesize](#)

[United Kingdom History and Timeline Overview](#)



Year 9 End of Year Assessment

Subject	French
Year Group	Year 9
Assessment details	<ul style="list-style-type: none">• Part 1: Granular vocabulary and grammar knowledge. Microsoft forms. 15 mins. 40 marks• Part 2: Holistic reading and listening tasks. Microsoft Forms. 15mins. 30 marks.• Part 3: Writing. Paper based task. 10 marks.
Topics covered	<ul style="list-style-type: none">• Traveling to French speaking places• Talking about your interests• Talking about your day• Using the past, present, and future

Year 9 Mid-Year Assessment

Subject	Spanish
Year Group	Year 9
Assessment details	<ul style="list-style-type: none">• Part 1: Granular vocabulary and grammar knowledge. Microsoft Forms. 15 mins. 40 marks• Part 2: Holistic reading and listening tasks. Microsoft Forms. 15mins. 30 marks.• Part 3: Writing. Paper based task. 10 marks.
Topics covered	<ul style="list-style-type: none">• Traveling to Spanish speaking places• Talking about sport and health• Describing local and global events• Using the past, present, and future

