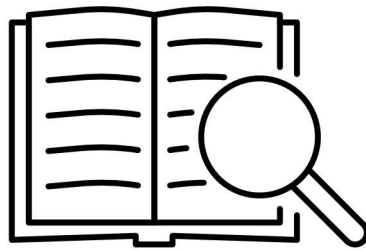


YEAR 8

END OF YEAR ASSESSMENT REVISION BOOKLET 2026



HEAD OF LEARNING: MR ASHTON
daniel.ashton@lowryacademy.org.uk

Aspiration | Respect | Confidence | Creativity | Resilience



The Lowry Academy

The best in everyone™

Part of United Learning

INTRODUCTION

This revision booklet has been made to help you understand what will be on your assessments. There are also helpful revision tips on the next page so you can make the most of the time you have.

You are expected to use this booklet, as well as any additional revision documents, advice and guidance given by your teachers, to prepare yourselves for the End of Year assessments.

It is vital that you are well prepared for these assessments so that you can perform at your very best. You will find out how well you have done in class and all assessments will also go on your school report in the Summer Term.

If you are having difficulties with anything in a particular subject, you can speak to your teacher in school or send an email. Teacher contact details are at the top of every page. If you have overall concerns or questions, you can speak to your form tutor or to your Head of Learning, Mr Ashton (daniel.ashton@lowryacademy.org.uk).

TOP REVISION TIPS

HABIT - Get into the habit of working in a regular routine.

PLAN - Plan your weekly revision, homework and leisure time on the timetables provided. Make sure you can realistically keep to the schedule that you have planned.

PLACE - Make sure that you work in the best possible environment:

- The room should be well lit to reduce eye strain
- Quiet with few distractions – no TV or Phones. Sit on a chair at a table or desk rather than lounging on your bed or so close to a window that you might get distracted.
- Identify a set time and place for studying – most people study best in the mornings and evenings, but you need to work out the best time for yourself.

ORGANISATION

- Be fully prepared. Books, paper, pens, drinks etc. should all be organised before you start.
- Break each subject down into manageable chunks so that you can read over a topic once or twice in about 20 to 30 minutes. If you come across topics that you really don't understand, make a note of them and ask the subject teacher for help.

VARIETY - Get some variety into your revision. Vary your use of revision materials: notes, revision cards, books, websites, podcasts and videos. Keep a record of what you have done in this booklet to make sure you **cover all topics and don't avoid the more difficult ones.**

- Begin your revision by re-reading your notes from the previous session. This will improve your recall. At the end of the week revise the whole week's work. Revision should involve checking your notes and writing down the main points may help you learn them more than you would by just reading them.
- As the exam draws nearer have 'key words' which trigger your memory.
- Saying things out loud can help you to learn and can improve your use of appropriate vocabulary. It is important to test yourself after each piece of work. Identify some questions you might think will be on the paper and write an outline answer for each one.

RELAX - Try to stop revising at least an hour before you go to bed. Relax to help you sleep. Working late will make you feel tired the next day. Only watch TV programmes that you enjoy rather than to fill in time. Get up early to make good use of your time.

HONESTY - Always be honest with yourself. Teachers can help you but they cannot do the work for you. Ask for help when you need it.

PERSEVERE - Don't give up: it really is not a long time and it will be worth it! Good luck!

MATHS

Contact: david.rooney@lowryacademy.org.uk

End of Year Revision:

Sparx Maths Code:

Week	End of Year Revision	Sparx Maths Code
Week 1	<ul style="list-style-type: none">• Powers and Roots - Use integer powers and associated real roots (square, cube and higher), recognise powers of 2, 3, 4, 5 and distinguish between exact representations of roots and their decimal approximations.• Prime Factorisation - Use the concepts and vocabulary of prime numbers, factors (or divisors), common factors, prime factorisation, including using product notation and the unique factorisation property (HCF and LCM with large numbers taught in 9.04).• Rounding - Round numbers and measures to an appropriate degree of accuracy [for example, to a number of decimal places or significant figures].	<ul style="list-style-type: none">• M135, M608• M322, M823, M108, M365, M227, M698• M111, M431, M994, M131, M878
Week 2	<ul style="list-style-type: none">• Fractions - Multiply and divide fractions and mixed numbers.• Solving Equations 1 - Use algebraic methods to solve linear equations in one variable (including all forms that require rearrangement). Model situations or procedures by translating them into algebraic expressions or formulae and by using graphs.• Coordinates and basic graphs - Coordinates and developing algebraic relationships.	<ul style="list-style-type: none">• M939, M410, M671, M601, M835, M931, M157, M197, M110, M265• M707, M509, M387, M554, M813, M795, M531, M957• M618, M622, M797
Week 3	<ul style="list-style-type: none">• Units of measurement - Use standard units of mass, length, time, money, and other measures, including with decimal quantities.• Angles in parallel lines - Understand and use the relationship between parallel lines and alternate and corresponding angles.• Circumference - Calculate and solve problems involving perimeters of 2-D shapes (including circles) and composite shapes.	<ul style="list-style-type: none">• M892, M627, M515, M772, M530, M761, M728• M818, M163, M606, M351, M679, M393• M595, M169
Week 4	<ul style="list-style-type: none">• Direct Proportion - Understand that a multiplicative relationship between two quantities can be expressed as a ratio or a fraction.• Fractions, decimals, and percentages - Converting between fractions, decimals, and percentages.• Percentage Calculations - Solve problems involving percentage change (calc and non calc), including: percentage increase, decrease, original value problems and simple interest in financial mathematics. Using multipliers. Writing numbers as percentages of other numbers.	<ul style="list-style-type: none">• M478, M681• M267, M958, M264, M553• M235
Week 5	<ul style="list-style-type: none">• Ratio 1 - Divide a given quantity into two parts in a given part:part or part:whole ratio; express the division of a quantity into two parts as a ratio.• Area of circles and trapezia - Derive and apply formulae to calculate and solve problems involving area of circles (including part circles) and trapezia.	<ul style="list-style-type: none">• M885, M543, M267, U921, M801, M525• M705, M231, M430, M303, M269, M996
Week 6	<ul style="list-style-type: none">• Statistics 1 (presenting and interpreting data) - Construct and interpret appropriate tables, charts, and diagrams, including frequency tables, bar charts, pie charts, vertical line (or bar) charts and stem and leaf for ungrouped and grouped numerical data.• Averages and Spread - Describe, interpret and compare observed distributions of a single variable through appropriate measures of central tendency (mean, mode, median) and spread (range, consideration of outliers).	<ul style="list-style-type: none">• M945, M460, M738, M140, M183, M574, M165, M648, M210• M940, M934, M328, M841, M440

ENGLISH

Contact: oliver.rocca@lowryacademy.org.uk

Topics to revise:

Revision sources:

Week 6: W/B 11th May	Comprehension and understanding of unseen texts.	https://app.senecalearning.com/dashboard/assignments/assignment/36c53069-57b7-43cb-a196-9c05365387db?suggestedProvider=microsoft
Week 5: W/B 18th May	Practise creating a setting for your own narrative story. Focus on ambitious vocabulary and imagery. Use the setting to create a particular mood.	
Week 4: W/B 25th May HALF TERM	Sentence Structure and key terms.	https://app.senecalearning.com/dashboard/assignments/assignment/8a9c93b5-dbf8-43b7-9f92-728710a4d6a8?suggestedProvider=microsoft
Week 3: W/B 1st June	Practise creating a character for your own narrative story. Focus on describing their thoughts and personalities rather than just their appearance. Use their actions to add to their description.	
Week 2: W/B 8th June	Language Analysis and inference	https://app.senecalearning.com/dashboard/assignments/assignment/9368676f-52b4-411a-89cd-3b016d217c86?suggestedProvider=microsoft
Week 1: W/B 15th June	Practise writing the solution to your narrative. Try to make a link back to the start of your narrative. Do not end on a cliff-hanger.	

SCIENCE

Contact: natalie.walsh@lowryacademy.org.uk

End of Year Revision:

Codes for SPARX

Week 6: W/B 11th May	Biology Digestion <ol style="list-style-type: none">1. Diet2. Energy in food3. Biological molecules4. Digestion and enzymes5. Absorption and transport of nutrients6. Factors affecting enzymes Plants and Photosynthesis <ol style="list-style-type: none">1. Plants as organisms2. Photosynthesis3. Leaf structure and adaptations4. The rate of photosynthesis	<ol style="list-style-type: none">1. F605, F6902. F550, F1843. F8154. F411, F8155. F557, F2026. F815 <ol style="list-style-type: none">1. F5782. F516, F7573. F917, F281, F5784. F111
Week 5: W/B 18th May	Chemistry Atoms and the Periodic Table, Acids and Alkalis (chemical reactions) <ol style="list-style-type: none">1. Elements, compounds, and mixtures2. Chemical symbols and formulae3. Reactants and products4. Acids, bases and alkalis + neutralisation5. Indicators and pH scale6. Acids and metals	<ol style="list-style-type: none">1. F958, F3462. F3973. F5534. F223, F3855. F7806. F749
Week 4: W/B 25th May HALF TERM	Physics Light and Sound <ol style="list-style-type: none">1. General principles of radiation2. Sound as radiation3. Energy transfer by sound4. Light as radiation5. Coloured light6. Refraction of light7. Reflection8. Hearing9. Seeing	<ol style="list-style-type: none">1. F598, F3372. F8913. F7444. F6765. F247, F8106. F4397. F990, F2018. F6769. F903, F814
Week 3: W/B 1st June	Chemistry Materials and the Earth <ol style="list-style-type: none">1. Composition and structure of the Earth2. Igneous rock formation3. Weathering and erosion4. Sedimentary rock formation5. Metamorphic rock formation and the rock cycle6. Fossils7. Fossil fuels8. Earth's atmosphere9. The greenhouse effect, global warming and climate change	<ol style="list-style-type: none">1. F9222. F400, F2843. F400, F2844. F400, F2845. F400, F2846. R7197. F7838. F401, F697, F1909. F549, F185
Week 2: W/B 8th June	Physics Particulate Nature of Matter <ol style="list-style-type: none">1. Temperature2. Changing energy in the thermal store3. Thermal conduction4. Energy stores of a material5. Pressure and density6. Convection and its causes7. Thermal transfer by radiation	<ol style="list-style-type: none">1. F1292. F5363. F2924. F353, F5745. F560, F728, F785, F1346. F2927. F466

HISTORY

Contact: nicholas.fox@lowryacademy.org.uk

End of Year Revision:

Revision Links:

Week 6: W/B 4th May	The Tudors Criticisms of the Church Martin Luther and the Reformation Difference between Protestants and Catholics	Knowledge Organiser / Year 8 Teams folder
Week 5: W/B 11th May	Henry's break from Rome Break from Rome – Need for an heir Break From Rome – Financial Break from Rome – Power	Knowledge Organiser / Year 8 Teams folder
Week 4: W/B 18th May	English Church under Edward VI English Church under Mary I Elizabeth's religious settlemen	Knowledge Organiser / Year 8 Teams folder
Week 3: W/B 25 th May HALF TERM	English Civil War Gunpowder Plot Long term causes of the English Civil War Short Term cause of the English Civil War	Knowledge Organiser / Year 8 Teams folder
Week 2: W/B 1st June	Transatlantic Slave Trade African Kingdoms Triangle Trade Role of the British Empire Life on Plantations Abolition of the Slave Trade Abolition – middle class men's role Abolition – Actions of enslaved and former enslaved people Abolition – Economics of slavery	Knowledge Organiser / Year 8 Teams folder
Week 1: W/B 8th June	Industrial Revolution Advances in farming Advances in Transport (road, rail, canal) New inventions (spinning jenny, water frame, steam engine) Progress in the industrial revolution Women in the industrial revolution Children in the industrial revolution	Knowledge Organiser / Year 8 Teams folder

GEOGRAPHY

Contact: hannah.duckworth@lowryacademy.org.uk

End of Year Revision:

Week 6: W/B 11th May	Population <ul style="list-style-type: none">- Distribution- Population growth and impacts- Population pyramids- Youthful population	Population - KS3 Geography - BBC Bitesize
Week 5: W/B 18th May	Population continued <ul style="list-style-type: none">- Ageing population- Types of migration- Voluntary migration (India to the UK)	Migration guide for KS3 geography students - BBC Bitesize
Week 4: W/B 25th May HALF TERM	Coasts <ul style="list-style-type: none">- Types of rocks- Waves- Coastal processes (erosion, weathering and transportation)- - longshore drift	Coastal processes and landforms - BBC Bitesize
Week 3: W/B 1st June	Coastal landforms <ul style="list-style-type: none">- headlands and bays- cave arch stack and stump- sand dunes Coastal management <ul style="list-style-type: none">- Hard and soft engineering	Coastal management - KS3 Geography - BBC Bitesize
Week 2: W/B 8th June	Ecosystems <ul style="list-style-type: none">- Location of biomes- Global precipitation and climate- Animal adaptations- Plant adaptations- Management of the taiga	Global biomes guide for KS3 geography students - BBC Bitesize
Week 1: W/B 15th June	Tectonics <ul style="list-style-type: none">- Earth structure- Convection currents- Plate boundaries	Plate Tectonics guide for KS3 geography students - BBC Bitesize

Topics:

Online Learning Platform/Revision Links:

Week 5: W/B 4th May	<p>Topic – Islam</p> <ul style="list-style-type: none"> • Pre-Islamic Arabia • Prophet Muhammad: The Qur'an • Prophet Muhammad: The Hijrah and the Conquest of Mecca • Prophet Muhammad: The Final Sermon 	<p>Mastery books – sections on 'Islam'.</p> <p>BBC Two - Watch, Celebrations, Islam, The Prophet Muhammad (pbuh), Allah and the Qur'an</p> <p>The Story of Migration Al- Hijra</p> <p>Muhammad: the Seal of the Prophets KS3 Y7 Religious education Lesson Resources Oak National Academy</p>
Week 4: W/B 11 th May	<p>Topic – Islam</p> <ul style="list-style-type: none"> • The Sunni/Shia Split • Islamic Caliphates • The Five Pillars • Hajj • Jihad 	<p>Mastery books – sections on 'Islam'.</p> <p>The Five Pillars Of Islam (youtube.com)</p> <p>The Five Pillars of Islam Religions of the World (youtube.com)</p> <p>What is Hajj? Religious Studies - My Life, My Religion: Islam (youtube.com)</p>
Week 3: W/B 18th May	<p>Topic – Hindu Dharma</p> <ul style="list-style-type: none"> • Santana dharma • Samsara and moksha • Brahman • Trimurti • Sacred texts 	<p>Mastery books – sections on 'Hindu Dharma'.</p> <p>Sanatana dharma KS3 Y7 Religious education Lesson Resources Oak National Academy</p> <p>Dharma and moksha KS3 Y7 Religious education Lesson Resources Oak National Academy</p> <p>https://www.youtube.com/watch?v=-ZrZTL06tGQ</p> <p>https://www.bbc.co.uk/bitesize/topics/z3sgjxs/watch/z8pxvcw</p> <p>https://www.youtube.com/watch?v=l1-7McAySg4</p>
Week 2: W/B 1st June	<p>Topic – Hindu Dharma</p> <ul style="list-style-type: none"> • Worship • Ramayana • Diwali • Rituals • Pilgrimage • Ahimsa • Caste system 	<p>Mastery books – sections on 'Hindu Dharma'.</p> <p>https://www.youtube.com/watch?v=o-s0mN5P8jo</p> <p>https://www.youtube.com/watch?v=KpWoc0nMTdl</p> <p>https://www.youtube.com/watch?v=jCNNwPaVlaU The Hindu Story of Rama and Sita Religions of the World</p> <p>https://www.youtube.com/watch?v=Niy1XYspVfg</p> <p>https://www.youtube.com/watch?v=Uq6_HUMtQtI</p> <p>https://www.youtube.com/watch?v=6nYXimbVR7U</p> <p>https://www.youtube.com/watch?v=j4ISnFCnGmg</p> <p>https://www.youtube.com/watch?v=mfy43ZC_pAI</p> <p>https://www.youtube.com/watch?v=DbtTw8rel6g</p>
Week 1: W/B 8th June	<p>End of Year assessment to take place in lessons this week.</p>	<p>Don't forget to use the paper copies of the revision that you will be provided with during your revision lessons. These revision materials will also be saved to the Year 8 folder on TEAMS</p>

SPANISH

Contact: sarah.gallagher@lowryacademy.org.uk

	Topic(s) to Revise & additional guidance:	Links to revision sources:
Week 5: W/B 4th May	Holidays (Destinations, transport, accommodation, activities, opinions, holiday preferences).	Y8 Spanish Revision Booklet PUPIL VERSION (1).docx Languagenut – week 1
Week 4: W/B 11th May	Going out and staying in (Free time, opinions, weekend/party plans, TV/cinema, music, books).	Y8 Spanish Revision Booklet PUPIL VERSION (1).docx Languagenut – week 2
Week 3: W/B 18th May	Daily routine & health (Daily routine, what you would change, yesterday's daily routine, healthy living, how to stay healthy, how you stayed healthy yesterday, at the doctor).	Y8 Spanish Revision Booklet PUPIL VERSION (1).docx Languagenut – week 3
Week 2: W/B 25th May HALF TERM	School and future plans (school & routine, activities, rules, change, jobs, opinions, ideal job, future plans).	Y8 Spanish Revision Booklet PUPIL VERSION (1).docx Languagenut – week 4
Week 1: W/B 1st June	Writing practise	Y8 Spanish Revision Booklet PUPIL VERSION (1).docx Languagenut – week 5

COMPUTING

Contact: victoria.moloney@lowryacademy.org.uk

Topic(s) to Revise & additional guidance:

Links to revision sources:

Week 6: W/B 4th May	Computational Thinking	Yr8_Knowledge_Organisers.pptx What is computational thinking? - Introduction to computational thinking - KS3 Computer Science Revision - BBC Bitesize What is decomposition? - Decomposition - KS3 Computer Science Revision - BBC Bitesize What is abstraction? - Abstraction - KS3 Computer Science Revision - BBC Bitesize What is pattern recognition? - Pattern recognition - KS3 Computer Science Revision - BBC Bitesize
Week 5: W/B 11th May	Networks The internet Types of Networks Cloud Computing Wireless Networks	Yr8_Knowledge_Organisers.pptx What is the internet? - Internet and communication - KS3 Computer Science Revision - BBC Bitesize What is the World Wide Web? - Internet and communication - KS3 Computer Science Revision - BBC Bitesize The impact of cloud computing - Cyberspace, network security and data transfer - CCEA - GCSE Digital Technology (CCEA) Revision - BBC Bitesize Types of network - Introduction to networks - KS3 Computer Science Revision - BBC Bitesize
Week 4: W/B 18th May	Online Safety Reliability Copyright Control Systems Sensors Flowcharts	Yr8_Knowledge_Organisers.pptx Bias and reliability - Bias and reliability - KS3 Computer Science Revision - BBC Bitesize Copyright overview - Copyright and intellectual property - KS3 ICT Revision - BBC Bitesize Programming with sensors - BBC Bitesize Flowcharts - Designing an algorithm - KS3 Computer Science Revision - BBC Bitesize
Week 3: W/B 25th May HALF TERM	Edublocks	Yr8_Knowledge_Organisers.pptx Variables - Programming basics - KS3 Computer Science Revision - BBC Bitesize Naming variables - Programming basics - KS3 Computer Science Revision - BBC Bitesize Working with variables - Programming basics - KS3 Computer Science Revision - BBC Bitesize Input and output - Programming basics - KS3 Computer Science Revision - BBC Bitesize
Week 2: W/B 1st June	Ethics and AI Digital Divide Artificial Intelligence Data Protection Act Computer Misuse Act Copyright Act	Yr8_Knowledge_Organisers.pptx Ethical issues - Ethical, legal and environmental impacts of digital technology - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize Environmental issues - Ethical, legal and environmental impacts of digital technology - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize Legal issues - Ethical, legal and environmental impacts of digital technology - OCR - GCSE Computer Science Revision - OCR - BBC Bitesize What is AI? What does artificial intelligence do? - BBC Newsround What is AI? A simple guide to help you understand artificial intelligence - BBC News
Week 1: W/B 8th June	EXAM WEEK	

DESIGN TECHNOLOGY

Contact: kyla.boulter@lowryacademy.org.uk

	Topics:	Revision sources:
Week 6: W/B 11th May	Eatwell guide	Booklet page 1
Week 5: W/B 18th May	Function of ingredients, Modifying a recipe	Booklet page 2
Week 4: W/B 25th May HALF TERM	Tools and Equipment	Booklet page 3
Week 3: W/B 1st June	CAD	Booklet page 4
Week 2: W/B 8th June	ACCESS FM, Natural and Synthetic fabrics and smart materials	Booklet page 5
Week 1: W/B 15th June	Knowing your tools and equipment and techniques	Booklet page 6

MY REVISION PLANNER – WEEK 1

Week:

	Morning	Afternoon	Evening
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

MY REVISION PLANNER – WEEK 2

Week:

	Morning	Afternoon	Evening
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

MY REVISION PLANNER – WEEK 3

Week:

	Morning	Afternoon	Evening
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

MY REVISION PLANNER – WEEK 4

Week:

	Morning	Afternoon	Evening
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

MY REVISION PLANNER – WEEK 5

Week:

	Morning	Afternoon	Evening
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

MY REVISION PLANNER – WEEK 6

Week:

	Morning	Afternoon	Evening
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

