



Year 9 Revision Information – May 2026

Subject	Revision Information									
Mathematics	Number	Clip	Ratio and proportion	Clip	Algebra	Clip	Shape and Space and Measures	Clip	Data handling	Clip
	Converting between fractions decimals and %	85	Direct proportion	42	Solve linear equations	100/135a	Reading tables		Likelihood	14
	Multiplying decimals	86	Understanding percentages	40	Inverse operations	21	Congruence and similarity	12b, 144	Listing outcomes	58
	Subtracting fractions	71	Percentages of amounts	88, 87	Write simple expressions	137	Timetables	8b	Data collection sheet	15
	Adding integers	17	Better value	41	Plotting straight line graphs	96	Naming 2D shapes	9	Pie charts	128a
	Multiples and factors	28	Substitution	95	Rules of indices	29	Recognising 3D shapes	43	Estimated number	125
	Multiplying integers	19			Expand and simplify single brackets	134a	Areas (counting squares)	53	Bar charts	15
	Subtracting integers	18			Factorise into a single bracket	94	Converting metric units	112	Averages	62
	Money problems (NC)	22a			Sequences (continuing)	37	Conversion graphs	107	Equally likely outcomes	59
	Writing numbers in words				Using the nth term	102	Faces, edges and vertices of 3D shapes	43	Two way table	61
	Rounding (10, 100, 1000)	31			Collecting like terms (+/-)	33	Volume of a prism	119	Stem and leaf diagrams	128b
	Ordering decimals	3			Constructing and solving equations	137	Reflection	48	Frequency polygon	65b
	Money problems (calc)	22b					Rotation	49		
	Fraction diagrams	24					Areas of compound shapes	53		
	Fraction of an amount	72					Travel graphs	143		
	Squares, cubes and roots	81					Time calculations	6a		
	Dividing decimals (calc)	87					Co-ordinates	8		
	Comparing fractions	70					Angles in a triangle	121		
							Angles on a straight line	45		
							Enlarge whole number scale factor	148		
						Rotational symmetry	11			
						Line symmetry	11			
						Measuring lines				
						Scale drawing				
						Area of a rectangle	53			
						Perimeter of a rectangle	52			
						Angles rules (opposite, parallel, straight line)	45, 120			
						Metric to imperial conversion				
English	<p>Prior Knowledge (Year 7 and 8): Persuasive techniques, key grammatical terminology, narrative structures, poetic devices and structural methods.</p> <p>Year 9 Knowledge: Vocabulary, language methods, structural methods, and key concepts across poetry and Gothic fiction.</p> <p>Year 9 Non-Fiction Writing (Transactional): Writing for a clear audience and purpose; using persuasive methods; structuring ideas effectively; varying sentence structures; using ambitious vocabulary; writing with accurate spelling, punctuation and grammar.</p> <p>Year 9 Analytical Writing (Macbeth): Making clear and developed points; selecting and embedding a range of relevant evidence; analysing language and structural methods in detail; exploring effects and interpretations in detail; zooming in on word choices to explain their significance and connotations in relation to the question.</p>									
Science	<p>This assessment will cover some topics from Year 7 & 8, but mainly Year 9 topics. The test will last 90 minutes. Please use your revision guide as well as the links below for Seneca, Cognito, BBC Bitesize and Revision Monkey to prepare.</p> <p><u>Topics Covered</u></p> <p>Year 7 & 8 Working Scientifically</p> <p>Year 9 Biology - B1 - You and Your Genes, B2 - Keeping Healthy</p> <p>Year 9 Chemistry - C1 - Air and Water</p> <p>Year 9 Physics - P1 - Waves, P2 - Sustainable Energy</p> <p>https://app.senecalearning.com/login</p> <p>https://cognitoedu.org/login</p> <p>https://www.bbc.co.uk/bitesize/examspecs/zt7xxfr</p> <p>https://www.youtube.com/@revisionmonkey3859/featured</p>									

<p>RE</p>	<p>Galilee to Jerusalem: (Y7-9) Key words 7: Nicene Creed , Jesus as the perfect human 8: Parables, Miracles 9: Discipleship, vocation, holy orders Desert to Garden: (Y7-9) Key words 7: Paschal Mystery, Eucharist 8: Problem of Evil, Suffering Servant 9: Temple, New Covenant, Redemption To the Ends of the Earth: (Y7-9) Key words 7: Pentecost, Holy Spirit 8: Resurrection, life after death 9: The Church and its beginnings, the Communion of Saints Extended Writing task: PEEE structure Compare different views on whether salvation is available for everyone</p>
<p>History</p>	<p>Women’s rights</p> <ul style="list-style-type: none"> - Suffragettes - The vote - Women’s liberation movement - Pay gap protests - Women in the Middle East <p>Civil Rights</p> <ul style="list-style-type: none"> - Jim Crow laws - Segregation in the USA - Key individuals; Rosa Parks, Martin Luther King Jr, Malcolm X - Protests in the UK; Brixton Riots, Notting Hill Riots - Apartheid in South Africa and Nelson Mandela - Modern Protests <p>Dictators – Stalin, Mussolini, Franco, British Union of Fascists</p> <p>Hitler and Nazi Germany</p> <ul style="list-style-type: none"> - Impact of WW1 on Germany - The Treaty of Versailles - Hitler’s early life - Hitler’s rise to power - Women in Nazi Germany - Children in Nazi Germany - Proaganda - The police state
<p>Geography</p>	<p>Population</p> <ul style="list-style-type: none"> ● Global population facts and data ● Population distribution - dense and sparse areas

- Population change - birth rate, death rate, growth rate
- Population pyramids - shape and meaning
- Challenges of growth - food, water, housing
- Migration - push and pull factors
- Ageing population - impacts on services and economy
- One Child Policy - aims, impacts, evaluation

Development and Globalisation

- Development - quality of life and wealth
- Measure development - HDI, GNI, life expectancy
- Globalisation - how products link countries.
- Primary sector – Impacts on cotton pickers
- Secondary sector – Rana Plaza Disaster, Factory conditions
- Impacts of Nike
- Reducing the development gap – Fair trade, support producers, reduce gap
- Sustainable fashion - reduce waste and pollution

Tectonics and Hazards

- Tectonic plates - types and locations
- Plate movement - convection currents
- Evidence for tectonic theory
- Earthquakes - causes and effects
- Case study - Japan 2011 earthquake
- Reducing earthquake risk - prediction, protection, planning
- Case study - 2004 Boxing Day tsunami
- Case study - Montserrat eruption
- Super volcanoes - Yellowstone risk and impacts

French

Vocabulary content to revise for the Listening, Reading and Writing exams:

- My future plans
- Why we learn a language
- Jobs
- Weekend routines
- Family – who you get on with and why
- Friendships – what makes a good friend
- Positive role models
- What you used to be like when you were younger

Grammar structures and core knowledge to revise for the Writing exams:

- A range of positive and negative opinions
- Adding reasoning to opinions
- Positive and negative adjectives
- Adjectival agreement (elle est petite / il est petite)

	<ul style="list-style-type: none"> • Present tense verbs (j’habite/ je regarde/ je vais) • Future tense verbs (je vais aller...) • On peut + infinitive (what you can do in your town) • Time phrases (days of the week + how often you do activities) • Imperfect Tense (Quand j’étais petit – when I was younger)
Spanish	<p>Vocabulary content to revise for the Listening, Reading and Writing exams:</p> <ul style="list-style-type: none"> • Likes and dislikes • Free time activities • Cinema • Birthday parties and celebrations • Fair Trade • The rights of young people • The environment and how we can protect it <p>Grammar structures and core knowledge to revise for the Writing exams:</p> <ul style="list-style-type: none"> • A range of positive and negative opinions • Adding reasoning to opinions • Positive and negative adjectives • Adjectival agreement (example: divertido/divertida/divertidos/divertidas) • Present tense verbs • Future tense verbs • Past tense verbs • Using comparatives (es más interesante que... etc) • Time phrases (normalmente, ayer, mañana etc)
ICT	<p>Core knowledge will be assessed from the following topics:</p> <p>Year 7 topics:</p> <ul style="list-style-type: none"> • Digital Literacy <ul style="list-style-type: none"> ○ Secure Passwords ○ Rules of the computer room ○ Respectful emails and email construction ○ Digital Footprint ○ Cyberbullying ○ E-Safety ○ Digital Literacy at St Patricks RC High School ○ Internet Cookies • Networks and Data Communication <ul style="list-style-type: none"> ○ Introduction to Computer Networks ○ Protocols and IP Addresses ○ Wired and Wireless Networks ○ The Internet ○ Exploring the World Wide Web ○ The Internet of Things (IoT) • Scratch Programming <ul style="list-style-type: none"> ○ Introduction to Computer Programming ○ Scratch Programming ○ Sequences in programming

- Variables
- Selection in programming

Year 8 topics:

- Computer systems
 - Input/output
 - Software/hardware
 - Operating systems
 - CPU
 - Fetch-Decode-Execute cycle
- Data modelling
 - Spreadsheets
 - Data V Information
 - Basic formulas
 - Basic functions
 - Modelling data
- Programming
 - Algorithms
 - Sequencing
 - Selection
 - If-Else
 - Loops
- User interface design
 - House style planning
 - Creation and content of UIs
 - Testing of UIs
- Data representation
 - Binary
 - Denary
 - Binary addition
 - Logic gates

Year 9 topics:

- Cyber security
 - Types of threats
 - Malware
 - Social engineering techniques
 - Ways to minimise threats
 - Data Protection (GDPR)
 - Computer Misuse Act
- Mobile app development
 - House style planning
 - Creation and content of apps
 - Testing of apps

	<ul style="list-style-type: none"> □ Python programming <ul style="list-style-type: none"> ○ Algorithms ○ Sequencing ○ Selection ○ If-Else ○ Loops
Music	<p>Hip Hop and Rap Music: key features relating to the elements of music Computer and Video Game Music: key features relating to the elements of music Revision knowledge organisers and quizlet on teams class page</p>
Art	<p>1 - Revise your Autumn and Spring Knowledge organisers – You will be tested on the key information on these two documents. They will be uploaded to class charts again, for easy access 2 - Practice your observational drawing skills, focusing on perspective and tone. You will be drawing something from observation in your assessment</p>
PE	<p><u>1.1a – Skeletal System</u></p> <p>Major Bones (location)</p> <ul style="list-style-type: none"> ● Cranium (skull) ● Vertebrae (spine) ● Ribs ● Sternum ● Clavicle ● Scapula ● Pelvis ● Humerus ● Radius (thumb side) ● Ulna (little finger side) ● Carpals (wrist) ● Metacarpals (hand) ● Phalanges (fingers/toes) ● Femur ● Patella ● Tibia (weight bearing) ● Fibula (non weight bearing) ● Tarsals (ankle) ● Metatarsals (foot) <p>Functions of the Skeleton (apply to sport)</p> <ul style="list-style-type: none"> ● Support – body shape/upright ● Posture – maintain position ● Protection – vital organs ● Movement – levers with muscles ● Blood cell production – bone marrow ● Storage of minerals – calcium/phosphorus

Synovial Joints

- Freely movable joints containing synovial fluid

Hinge Joints (1 plane)

- Knee → femur + tibia
- Elbow → humerus + radius + ulna

Ball & Socket Joints (all directions)

- Shoulder → humerus + scapula
- Hip → pelvis + femur

Movement at Joints (apply to sport)

- **Hinge**, Flexion – bending & Extension – straightening
- **Ball & Socket** – Flexion, Extension, Abduction – away from midline, Adduction – towards midline, Rotation – turning, Circumduction – circular movement

Other Joint Components

- Ligament → bone to bone, stabilises
- Cartilage → reduces friction, absorbs shock
- Tendon → muscle to bone, enables movement

1.1b – Muscular System

Major Muscle Groups (location)

- Deltoid (shoulder)
- Trapezius (upper back/neck)
- Latissimus dorsi (mid-back)
- Pectorals (chest)
- Biceps (front upper arm)
- Triceps (back upper arm)
- Abdominals (core)
- Quadriceps (front thigh)
- Hamstrings (back thigh)
- Gluteals (buttocks)
- Gastrocnemius (calf)

Roles of Muscles

	<ul style="list-style-type: none">• Agonist → contracts to create movement• Antagonist → relaxes to allow movement• Fixator → stabilises joint <p>Antagonistic Muscle Action</p> <ul style="list-style-type: none">• Muscles work in pairs• One contracts, one relaxes <p>Example (elbow)</p> <ul style="list-style-type: none">• Biceps → agonist in flexion• Triceps → antagonist in flexion / agonist in extension
Technology	<p>Revise Knowledge Organisers for all 3 subjects as you will be given a mixture of questions across the 3 areas of technology. These will be available on Teams, good revision practice would be to complete a mind map for each of the subject areas and test yourself on the key terms.</p> <p>In addition to this you will be given a design task to complete so ensure that you practice drawing of design idea. Remember the success criteria for drawing design ideas.</p> <p>Success criteria:</p> <ul style="list-style-type: none">• Draw lightly in pencil• Add tone carefully to represent 3D shapes• Use colour to define the edge of shapes• Add annotations to clearly explain your design ideas