



Year 7 Revision Information – May 2026

Subject	Revision Information										
Mathematics	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="background-color: #f4cccc;">Year 7 Revision List</th> </tr> </thead> <tbody> <tr> <td style="background-color: #f4cccc;">Rounding</td> <td>N27a, N27b, N38, N43a, N43b</td> </tr> <tr> <td style="background-color: #f4cccc;">Averages</td> <td>S6, S7, S10a</td> </tr> <tr> <td style="background-color: #f4cccc;">FDP Equivalence</td> <td>N2a, N2b, N32, N34, N35, A20a, N39a, N23c</td> </tr> <tr> <td style="background-color: #f4cccc;">Ratio</td> <td>R1a, R1b, R3, R5a, R5b, R6</td> </tr> </tbody> </table>	Year 7 Revision List		Rounding	N27a, N27b, N38, N43a, N43b	Averages	S6, S7, S10a	FDP Equivalence	N2a, N2b, N32, N34, N35, A20a, N39a, N23c	Ratio	R1a, R1b, R3, R5a, R5b, R6
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English	<p>Year 7 Knowledge: Vocabulary, grammar, writer’s methods, character types, fantasy conventions and narrative structure.</p> <p>Year 7 Fiction Writing (Fantasy Fiction): Creating interesting ideas and tone; using ambitious vocabulary and descriptive methods; building tension; varying sentence structures; accurate spelling, punctuation and grammar.</p> <p>Year 7 Analytical Writing (Survival Stories): Making clear points; selecting suitable evidence; identifying and explaining language methods; analysing effects and zooming in on word choices.</p>										
Science	<p>To prepare, use the links below for Seneca, BBC Bitesize, your knowledge organisers, and Revision Monkey.</p> <p>https://app.senecalearning.com/login</p> <p>https://www.bbc.co.uk/bitesize/subjects/zng4d2p</p> <p>https://www.stpatricksrhigh.co.uk/wp-content/uploads/2024/12/Year-7-2023-2024-Knowledge-organisers-Science.pdf</p> <p>https://www.youtube.com/@revisionmonkey3859/featured</p> <p>Topics Covered</p> <p>Working Scientifically</p> <p>Biology - Cells & Reproduction</p> <p>Chemistry - Particles, Elements, Reactions, Acids and Alkalis</p> <p>Physics - Forces & Sound</p>										
RE	<p>Galilee to Jerusalem:</p> <p>Key words</p> <p>Nicene Creed</p> <p>Jesus as the perfect human</p> <p>Arianism</p> <p>Incarnation</p> <p>Desert to Garden:</p> <p>Key words</p>										

	<p>Paschal Mystery Eucharist as the 'source and summit of Christian life' To the Ends of the Earth: Key words Pentecost Holy Spirit Extended Writing: PEEE structure Comparison of importance of different beliefs</p>
History	<p>Historical skills: Chronology, sources, fact, opinion, exaggeration, cause and consequence, change and continuity</p> <p>Knowledge: The Romans Romulus and Remus Roman social activities Julius Caesar The Roman Army Roman invasion of Britain The impact of the Roman Empire The Normans Contenders for the throne The Battle of Hastings Norman control: Domesday book, feudal system, Harrying the North The church Castles Medieval life The church Thomas Beckett The Black Death The Peasant's Revolt The Tudors War of the Roses Henry VII Henry VIII The reformation</p>
Geography	<p>Map Skills</p> <ul style="list-style-type: none"> • Compass directions, 4 and 8 points • Symbols and keys, read maps • 4 figure grid references • 6 figure grid references

- Scale, estimate distance
- Contour lines, height, relief
- Latitude and longitude
- Atlas use, locate places

Weather and Climate

- Weather and climate definitions
- Measure weather - thermometer, rain gauge, wind vane, barometer
- LAWS of the climate - Temperature changes, latitude, altitude, distance from sea
- Climate graphs – Bars = rainfall, Line = Temperature
- Air pressure - high pressure clear, low pressure rain
- Air masses – Tropical, Polar, Continental, Maritime
- Extreme weather - floods, heatwaves, storms
- Hurricanes Formation
- Hurricane Katrina - causes, impacts, responses
- Reducing storm impacts - prediction, preparation, protection
- Case study, UK heatwave 2022

Climate Change

- Climate change Definition
- Evidence - rising temperatures, melting ice, sea level rise
- Human causes - fossil fuels, deforestation, agriculture
- Natural causes - volcanoes, sun spots, orbit
- Impacts - weather, food, water, ecosystems
- Climate war – Syria Case Study
- How do we impact the planet?
- Responses to climate change
- Benefits of rewilding.

French

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

- Introductions
- What you're like (personal and physical descriptions)
- Family members
- Birthdays
- Likes and dislikes
- Free time activities
- The weather
- School subjects
- What's in my bag
- Food and what we eat

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

- A range of positive and negative opinions

	<ul style="list-style-type: none"> • Adding reasoning to opinions • Positive and negative adjectives • Adjectival agreement • Er verb conjugation (present tense) • A range of present tense verbs • Time phrases (Normalement, de temps en temps etc)
Spanish	<p>Vocabulary content to revise for the Listening, Reading and Writing exams:</p> <ul style="list-style-type: none"> • Introductions • What you're like (personal and physical descriptions) • Family members and pets • Birthdays • Likes and dislikes • Free time activities • The weather • School subjects <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) • Ar verb conjugation • A range of present tense verbs (juego, monto, hablo etc) • Time phrases (siempre, a veces, nunca etc)
ICT	<p>Core knowledge will be assessed in the following topic areas:</p> <ol style="list-style-type: none"> 1. Digital Literacy <ol style="list-style-type: none"> a. Secure Passwords b. Rules of the computer room c. Respectful emails and email construction d. Digital Footprint e. Cyberbullying f. E-Safety g. Digital Literacy at St Patricks RC High School h. Internet Cookies 2. Back to the Future <ol style="list-style-type: none"> a. Alan Turing b. Tim Berners Lee c. George Boole d. Charles Babbage e. Internet and World Wide Web (WWW) f. Boolean Logic and Logic Gates g. Code Breaking (PigPen Cipher and Caesar Cipher) h. Problem Solving 3. Networks and Data Communication

	<ul style="list-style-type: none"> a. Introduction to Computer Networks b. Protocols and IP Addresses c. Wired and Wireless Networks d. The Internet e. Exploring the World Wide Web f. The Internet of Things (IoT) <p>4. Scratch Programming</p> <ul style="list-style-type: none"> a. Introduction to Computer Programming b. Scratch Programming c. Sequences in programming d. Variables e. Selection in programming
Music	<p>The key elements of Music</p> <ul style="list-style-type: none"> • Melody • Articulation • Dynamics • Texture • Structure • Harmony • Instruments • Rhythm • Tempo <p>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</p> <p>2 - Practice your observational drawing skills, focusing on perspective and tone. You will be drawing something from observation in your assessment</p>
PE	<p>1.1a – Skeletal System</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)

Functions of the Skeleton (apply to sport)

- 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

- Agonist → contracts to create movement
- Antagonist → relaxes to allow movement
- Fixator → stabilises joint

Antagonistic Muscle Action

- Muscles work in pairs
- One contracts, one relaxes

Example (elbow)

- Biceps → agonist in flexion
- Triceps → antagonist in flexion / agonist in extension

Technology

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.

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.

Success criteria:

- 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