

Year 7 Assessments January 2025 – Topic Revision Lists

Subject: Maths		
Topic	Sparx Clip	Completed
Adding decimals	M429	
Subtracting decimals	M152	
Multiply integers	M187	
Multiply decimals	M803	
Dividing with a remainder	M873	
Divide by integers to get a decimal answer	M262	
Mixed problems: Calculating with fractions	M645	
Mixed problems: Calculating with mixed numbers	M619	
Expanding single brackets	M237	
Factorising into one bracket	M100	
Solving equations with one step	M707	
Solving equations of the form $ax+b=c$	M634	
Solving linear equations involving brackets	M902	
Position-to-term rules for arithmetic sequences	M991	
Position-to-term rules for sequences of patterns	M866	
Calculating with time	M627	
Using timetables	M963	
Estimating and measuring length, mass and capacity	M828	
Converting units of length, mass and capacity	M774	
Converting units of length, area and volume	M865	
Finding the perimeter of rectangles and simple shapes	M635	
Finding the perimeter of compound shapes	M690	
Finding the area of triangles	M610	
Finding the area of parallelograms	M291	
Finding the area of trapeziums	M705	
Properties of 3D shapes	M767	
Types of angles	M502	

Subject: Science	
Topic	Completed
Biology – Ecosystems	
Chemistry – Foundations in Chemistry	
Physics – Introduction to Physics	

Subject: Geography	
Topic	Completed
Map skills – Compass points, continents, countries, oceans.	
Nations and islands of the UK and British Isles	

Physical, Human and Environmental features of Geography	
Co-ordinates, latitude and direction	
Push and pull factors linked to migration	
Sectors of employment	

Subject: History	
Topic- Medieval England	Completed
Feudal system	
Types of Castles	
Black Death	
Thomas Beckett	
Lives of Peasants	

Subject: Spanish	
Topic	Completed
Module 1: Please refer to module 1 vocab sheet	
Greetings	
Numbers 0-31	
Months and days	
Pets and colours	
Module 2: Please refer to module 2 vocab sheet	
Free time activities	
Opinions	
Weather phrases	
Giving reasons and justifications	

Subject: Computing	
Topic	Completed
E-Safety: What is E-safety, how to stay safe online, Online identity, digital footprint	
Communicating online: Advantages & disadvantages of sending emails	
Cyberbullying: What is cyberbullying? What to do if being cyberbullied	
File format/extensions: .xlsx .mp4 .docx .jpg .png .exe .pptx .accdb .pub	
Software Types: Word Processor, Spreadsheet, Presentation, Desktop Publisher, Email	
Computer basics: Keyboard shortcuts (Copy, paste, cut, undo)	
Computer Crime: Hacking, Phishing, Social engineering	
Features of strong passwords: Strong & memorable passwords	

Subject: Art	
Topic	Completed
The Formal elements	
Gradation and shading techniques	

Composition, still life and light sources	
Application of tone to create 3D effect - practical	

Subject: Design	
Topic	Completed
RESEARCH	
Design research principles	
Design processes	
Define specifications	
Design fixation	
Communication, of ideas, 2D, 3D and annotations	
MAKE	
Selecting the right materials for the Job	
Selecting the right tools for the job	
EVALUATION	
How do we analyse the work of others?	
Evaluating and refining ideas	
Impact on design in the environment	
Market Push / Tech Pull	
TECHNICAL KNOWLEDGE	
Properties of materials	
Mechanisms, forces and movement	
Electrical circuits	
Inputs and Outputs	
SUSTAINABILITY	
Define sustainability	
Sustainable materials	
Sustainable energy sources	
Product life cycle and 6Rs	

Subject: Drama	
Topic	Completed
Drama VOCAL SKILLS including:	
Pitch	
Pace	
Pause	
Volume	
Tone	
Accent	
Emphasis	
Projection	
Drama PHYSICAL SKILLS including:	
Body language	

Gesture	
Facial Expression	
Levels	
Proxemics	
Space	
Gait	
Posture	
Drama Techniques including:	
Still image	
Thought tracking	
Narration	
Monologue	
Dialogue	
Improvisation	
Flashback	
Characterisation - Applying appropriate physical and vocal skill to play a character (The ability to explain emotions and how you will show this through skills)	
Staging:	
Stage positions (Downstage, upstage, stage right, stage left)	
Audience awareness	

Subject: Music	
Topic	Completed
Musical Elements (DRSMITH) including:	
Dynamics	
Rhythm	
Structure	
Melody	
Instrumentation	
Texture	
Tonality	
Tempo	
Harmony	
Note values including:	
Semi-breve (lasts for four beats)	
Minim (lasts for two beats)	
Crotchet (Lasts for one beat)	
Quaver (Lasts for a half beat)	
Semi-quaver (Lasts for a quarter beat)	
Subject specifically Terminology:	
Allegro (A quick and lively tempo)	
Adante (A walking tempo)	
Adagio (A slow tempo)	
Legato (Played smoothly)	

Pizzicato (plucking the strings)	
Staccato (Short, separate notes)	
Piano (Quiet)	
Pianissimo (very quiet)	
Forte (loud)	
Fortissimo (very loud)	
Call and response	
Polyrhythm	
Polyphonic	
Monophonic	
Homophonic	
Binary	
Rondo	
Ternary	

Subject: Physical Education	
Topic	Completed
Warm Up and cool down 3 parts of a warm- up Reasons for a warm- up and cool down	
Types of stretching (static and Dynamic)	
Names of muscles groups <ul style="list-style-type: none"> • Bicep • Triceps • Hamstring • Gastrocnemius • Quadriceps • Abdominals • Gluteus maximus 	
Muscles movements/actions/types of contractions	
Training methods <ul style="list-style-type: none"> • Continuous training • Fartlek training • Weight training • Interval training • Circuit training • Resistance training 	
Components of fitness <ul style="list-style-type: none"> • Muscular strength • Power • Balance • Cardiovascular endurance • Flexibility • Muscular endurance • Speed • Reaction time • Coordination 	

Fitness tests <ul style="list-style-type: none"> • 12min cooper run • Illinois agility test • 30m sprint test • Sit and reach test • Reaction time test • Stork test • Vertical jump test • Hand grip dynamometer test • 1mins press up test • 1 mins sit up test 	
The differences between a rule and regulation in sport	
What are the different skills required in each sport	

Subject: Religious Education	
Topic	Completed
<u>The Six main Religions:</u> <ul style="list-style-type: none"> • Founders • Symbols • Important people – leaders/prophets • Places of worship • Ways of worship (how the people for each religion pray) • Rules (behaviour/dress/actions/men and women/kindness) • Key beliefs (what is most important to them around God/each other) • Belief about God/gods (what he or they do/names/what they look like/qualities that he/they have) • Holy/important- objects/food/dress/decorations/places/books • Similarities and differences between the religions 	