

# YEAR 7 PPE1 REVISION LIST

Subject	Exam Structure	Topics	Revision Resources (including links)
Maths	A 45-minute non-calculator exam	<ul style="list-style-type: none"> <li>- Continuing Fibonacci, triangular &amp; square sequences</li> <li>- Nets of 3D shapes</li> <li>- Simplify ratios</li> <li>- Make sensible estimates for length, mass and volume</li> <li>- Use function machines to find inputs and outputs</li> <li>- Simplify products of algebraic terms</li> <li>- Square, square roots, cube and cube roots</li> <li>- Use properties of angles at a point</li> <li>- Use properties of angles on a straight line</li> <li>- Use properties of opposite angles at a vertex.</li> <li>- Sort data using venn diagrams</li> <li>- Enlarge shapes using a positive scale factor</li> <li>- Translations</li> <li>- Plot coordinates in all four quadrants</li> <li>- Perimeter of simple shapes</li> <li>- Area of rectangles</li> <li>- Four operations with decimals</li> <li>- Division calculations that result in decimals</li> <li>- Share a total in a ratio</li> <li>- Substitute positive numbers into expressions</li> <li>- Collect like terms</li> <li>- Simplify simple algebraic fractions</li> <li>- Solve linear equations with one term</li> <li>- Solve simple linear inequalities</li> <li>- Use the prime decomposition of numbers to find HCF &amp; LCM</li> <li>- Angles in parallel lines</li> <li>- Angles in triangles and quadrilaterals</li> <li>- Averages with discrete data</li> <li>- Rotations using a centre of rotation</li> <li>- Linear Graphs</li> </ul>	<p><a href="http://www.sparxmaths.co.uk">www.sparxmaths.co.uk</a></p> <p><i>Sparx Clip Numbers:</i></p> <p>M241, M981 M518 M885, M543 M487 M175, M428 M120, M608 M135 M502 M163 M818 M829, M419 M178 M139 M618 M920, M635 M390 M429, M152, M803 M288 M525 M417, M327 M795, M531, M949 M754 M707, M509 M118 M108, M365 M606 M351, M679 M440, M127 M910 M797, M932</p>

		<ul style="list-style-type: none"> <li>- Areas and perimeters of compound shapes</li> <li>- Multiplication and division calculations</li> <li>- Ratio problems when given the difference between two quantities</li> <li>- Multiplying algebraic terms</li> <li>- Expanding one bracket</li> <li>- Factorise simple linear expressions</li> <li>- Convert between percentages and decimals</li> <li>- Bearings</li> <li>- Averages and range of discrete data</li> <li>- Enlargements with positive scale factors</li> <li>- Compare data using their averages and range</li> </ul>	M690 M187, M354, M263 M801 M813 M237 M100 M958, M264 M260, M416 M841, M940, M934, M328 M178 M440
RE	45-minute exam  Questions will test students on:  Knowledge  Understanding  Evaluation	<div> <div> <p><u>Last half term we learnt</u></p> <ol style="list-style-type: none"> <li>1. <b>RUAH</b> and the rules,</li> <li>2. The Church,</li> <li>3. The role of the Church,</li> <li>4. House Saints,</li> <li>5. Sainthood,</li> <li>6. Angels,</li> <li>7. Holy Communion,</li> <li>8. Role of the Laity,</li> <li>9. Objects in the Church,</li> <li>10. Life after death,</li> <li>11. The Common Good,</li> </ol> </div> <div> <p><u>This half term we are learning about..</u></p> <ol style="list-style-type: none"> <li>1. The Bible and how to use it,</li> <li>2. Old and New Testament,</li> <li>3. Types of writings in the Bible,</li> <li>4. What we can learn about God from the Bible,</li> <li>5. What we can learn about Jesus from the Bible,</li> <li>6. The differences between Protestants, Catholics and the Bible,</li> <li>7. The book of Kells,</li> <li>8. The <b>Christmas</b> story.</li> </ol> </div> </div>	Notes in RE exercise books
History	45-minute exam  Knowledge questions Source skills Extended writing	<b>Norman conquest/ Medieval England</b> <ul style="list-style-type: none"> <li>- Feudal System</li> <li>- Castles</li> <li>- Domesday book</li> <li>- Terror</li> <li>- Medieval Life</li> <li>- Faith and religion</li> <li>- London</li> <li>- Women</li> </ul>	<ul style="list-style-type: none"> <li>– Your exercise book</li> <li>– Exam technique PowerPoint on Microsoft teams and practice questions</li> <li>– Useful links/videos:  <a href="https://www.bbc.co.uk/bitesize/topics/zshtyrd">https://www.bbc.co.uk/bitesize/topics/zshtyrd</a>  <a href="https://www.bbc.co.uk/bitesize/topics/zvhjdp3/articles/zct4r2p">https://www.bbc.co.uk/bitesize/topics/zvhjdp3/articles/zct4r2p</a>  <a href="https://www.bbc.co.uk/bitesize/topics/zbn7jsg">https://www.bbc.co.uk/bitesize/topics/zbn7jsg</a>  <a href="https://www.youtube.com/playlist?list=PLcvEcrcF_9zK2bOCseaghBlucwf9pcsFX">https://www.youtube.com/playlist?list=PLcvEcrcF_9zK2bOCseaghBlucwf9pcsFX</a> </li> </ul>

Art	45 – minute exam To understand how to use line and shape to apply pattern and detail. A drawing task.	Revisit mark-making techniques.	<a href="https://www.youtube.com/watch?v=R_YTk2qUQg">https://www.youtube.com/watch?v=R_YTk2qUQg</a>
English	45-minute exam. Knowledge Questions and Analytical Paragraphs	Love That Dog-Context, The Novel and the poems that inspire it.	-Exercise book -LTD Booklets (on Teams)
Science	45 minutes exam. Mix of multiple choice, short and long answer.	Working Scientifically: Rules; The Bunsen Burner; Lab Equipment, Precision and Hazards; Hypothesis and Variables; Planning and Method; Analysing Results  Organisms: Levels of organisation; Skeleton; Movement: joints & muscles; Plant and animal cells; Observing cells; Specialised cells; Movement of substances; Unicellular organisms.  Matter: The Particle Model; Compressibility; Changing State; Melting and Boiling; Expansion and Contraction; Diffusion; Density; Gas Pressure; Atoms, Elements, Compounds and Mixtures; Making Solutions; Solubility; Filtration; Evaporation and Distillation; Chromatography.	Exercise Books  BBC Bitesize  Tassomai: The quizzes to use are: <ul style="list-style-type: none"> <li>- Cells and Organisms</li> <li>- Atoms, Elements and Compounds</li> <li>- Purity, Mixtures and Physical Changes</li> <li>- Separation Techniques</li> <li>- Particulate Nature of Matter</li> </ul>
French	45 minutes. Match ups, short comprehension activities and some longer translation and writing.	Topics to cover: Greetings Giving your name, age and birthday Classroom items Giving opinions (likes and dislikes, adjectives to justify) Describing your and others' personality Describing your and others' physical appearance School subjects (including opinions and justifications) School timetable (days of the week and telling the time)	Exercise books Lesson slides on Teams, Revision booklets (to be given out in class) BBC Bitesize

Geography	<p>45 minutes exam.</p> <p>Mix of multiple choice, short and long answer.</p>	<p>Geographical Skills and knowledge that are covered in...</p> <p>Fantastic Landscapes</p> <ul style="list-style-type: none"> <li>– Describing locations using compass, longitude and latitude, continents and oceans and hemispheres.</li> <li>– Examples of human and physical features of the UK (including capital cities and relief).</li> </ul> <p>Our Blue Marble</p> <ul style="list-style-type: none"> <li>– Different types of maps and map projections</li> <li>– Examples of human activity that can threaten our oceans.</li> <li>– Features of an ecosystem – examples of key terms to describe different components, especially different sunlight zones.</li> <li>– Examples of different marine ecosystems.</li> <li>– Describing the location of land ecosystems (biomes) like the Tropical Rainforest.</li> <li>– Describing different spheres on Earth (biosphere, hemisphere, atmosphere and lithosphere).</li> </ul>	<p>BBC Bitesize (<a href="#">Longitude and Latitude</a>)</p> <p>Dr Bionics – Features of an Ecosystem. <a href="#">Click Here</a></p>
Spanish	<p>45 minutes exam.</p> <p>Mix of multiple choice, short and long answer.</p> <p><u>Skills:</u> Reading, Writing, Grammar.</p>	<p>Introducing myself:</p> <ul style="list-style-type: none"> <li>- Immersing myself in the Spanish language and culture</li> <li>- Brief descriptions about myself: age, DOB, name...)</li> <li>- Classroom equipment</li> <li>- Colours</li> <li>- Months and days of the week</li> <li>- Counting up to 100</li> </ul> <p>My bubble:</p> <ul style="list-style-type: none"> <li>- Family and friends</li> <li>- Physical description</li> <li>- Personality description</li> <li>- Pets and animals</li> </ul> <p>My free-time:</p> <ul style="list-style-type: none"> <li>- Hobbies</li> <li>- Sports</li> <li>- Comparisons</li> <li>- Weather</li> </ul>	<p><a href="https://www.duolingo.com/">https://www.duolingo.com/</a></p> <p><a href="https://www.memrise.com">https://www.memrise.com</a></p> <p><i>BBC Bitesize</i></p> <p><i>¡Claro! Book for KS3 Spanish students. (Printed pages)</i></p> <p>Lessons in Teams.</p>

		<ul style="list-style-type: none"> <li>- Music</li> <li>- Famous Spanish-speaking musicians</li> </ul>	
Portuguese	<p>45 minutes exam.</p> <p>Mix of multiple choice, short and long answer.</p> <p><u>Skills:</u> Reading, Writing, Grammar.</p>	<p><b>Introducing myself:</b></p> <ul style="list-style-type: none"> <li>- <i>Getting to know the Portuguese speaking countries of the world and cultural icons</i></li> <li>- <i>Greeting people and introducing myself</i></li> <li>- <i>Counting to a 1000</i></li> <li>- <i>Saying and understanding dates and weekdays</i></li> </ul> <p><b>Key Grammar</b> Word order / Present tense - basic verbs / Negative / Agreement o/a, os/as Question words / Pronouns / Basic prepositions</p> <p><b>Key Vocabulary</b> Greetings – Olá, adeus, até já... Nationalities - Português, Inglês... / Numbers – 1 – um, 2-dois .... /Days of the week – segunda feira, terça feira... /Dates – segunda feira, 3 de abril... Classroom - aula, quadro, caderno....</p>	<p>Teams Year 7 group</p> <p><a href="#">Practise Activities and Weekly Assignments for Revision and Study</a></p>
Computing	<p>45 minutes exam.</p> <p>Mix of multiple choice, short and long answer.</p>	<p><b>Digital Media</b></p> <ul style="list-style-type: none"> <li>-Choose search terms relating to a particular issue</li> <li>- Identify key features of a good poster</li> <li>- Use tools to copy an image into another application</li> <li>-Choose and download a suitable image</li> <li>- Create a poster using a desktop publishing application</li> <li>- Plan a poster to clearly convey a message</li> <li>-Choose how to combine text and graphics in a slide</li> <li>- Modify a logo using a graphic editing program</li> <li>- Use digital tools to provide feedback on design choices</li> <li>- Modify a logo so that it fits in with the planned slide styles</li> <li>- Plan a consistent layout for a set of slides</li> <li>- Create a styled set of slides based on a plan</li> <li>- Search for and add a suitable image</li> <li>- Search for suitable text for slides</li> </ul>	<p>Lesson material on Teams</p> <p>Educake</p>

		<p><b>Networks</b></p> <ul style="list-style-type: none"> <li>-Define 'protocol' and provide examples of non-networking protocols</li> <li>- Define what a computer network is and explain how data is transmitted between computers across networks</li> <li>-List examples of the hardware necessary for connecting devices to networks</li> <li>-Compare wired to wireless connections and list examples of specific technologies currently used to implement such connections</li> <li>- Define 'bandwidth', using the appropriate units for measuring the rate at which data is transmitted, and discuss familiar examples where bandwidth is important</li> <li>-Define what the internet is</li> <li>- Describe key words such as 'protocols', 'packets', and 'addressing'</li> <li>- Explain how data travels between computers across the internet</li> <li>-Describe how internet-connected devices can affect me</li> <li>- Describe how services are provided over the internet</li> <li>- Explain the difference between the internet, its services, and the World Wide Web</li> <li>- Explain the term 'connectivity' as the capacity for connected devices ('Internet of Things') to collect and share information about me with or without my knowledge (including microphones, cameras, and geolocation)</li> <li>- List some of these services and the context in which they are used</li> <li>-Describe components (servers, browsers, pages, HTTP and HTTPS protocols, etc.) and how they work together</li> </ul>	
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