

# Melbourn Village College – Yr7 Teaching Calendar

Half-term	PLT Focus	Week	Topic	Key Skills & Processes	Text book Resource	Rich Task Resource		
Autumn 1 Year 7	<p><b>Self Managers</b></p> <p>Focus: Young people organise themselves, showing personal responsibility, initiative, creativity and enterprise with a commitment to learning and self-improvement. They actively embrace change, responding positively to new priorities, coping with challenges and looking for opportunities.</p> <p>Students:</p> <ul style="list-style-type: none"> <li>• seek out challenges or new responsibilities and</li> <li>• show flexibility when priorities change</li> <li>• work towards goals, showing initiative, commitment and perseverance</li> <li>• organise time and resources, prioritising actions</li> <li>• anticipate, take and manage risks</li> <li>• deal with competing pressures, including personal and work-related demands</li> <li>• respond positively to change, seeking advice and support when needed</li> <li>• manage their emotions, and build and maintain relationships.</li> </ul>	05/09/11	<a href="#">Algebra 1</a>	<p>1.1 Competence</p> <p>2.2 Analysing</p>	Sequences A1.1 Functions A1.2	<p><a href="#">Avalanche Game</a> Design a function machine <a href="#">Shifting Times Tables</a> <a href="#">Triangle Numbers</a> <a href="#">Picturing Square Numbers</a> <a href="#">Squares in Rectangles</a></p>		
		12/09/11						
		19/09/11	<a href="#">Number 1</a>	<p>1.3 Applications and implications of mathematics</p> <p>2.2 Analysing</p>	Place value, decimals and ordering N1.1 Negative numbers N1.2 Multiples, factors and primes N1.3 Patterns, squares and roots N1.4 Addition and subtraction N1.5	<p><a href="#">First Connect Three</a> <a href="#">How much can we spend?</a> <a href="#">Dozens</a> <a href="#">Factors and Multiples Game</a> <a href="#">Factors and Multiples Puzzle</a></p>		
		26/09/11						
		03/10/11						
		10/10/11	Assessment week: Mental Maths test					
		17/10/11	<a href="#">Geometry and measure 1</a>	<p>1.1 Competence</p> <p>2.1 Representing</p>	Length and perimeter GM1.1 Area and compound shapes GM1.2	<p><a href="#">On the Edge</a> <a href="#">Fence It</a> <a href="#">Hidden Dimensions</a> <a href="#">Warmsnug Double Glazing</a></p>		

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Autumn 2 Year 7	<p><b>Creative Thinkers</b></p> <p><b>Focus:</b> Young people think creatively by generating and exploring ideas, making original connections. They try different ways to tackle a problem, working with others to find imaginative solutions and outcomes that are of value.</p> <p><b>Students:</b></p> <ul style="list-style-type: none"> <li>• generate ideas and explore possibilities</li> <li>• ask questions to extend their thinking</li> <li>• connect their own and others' ideas and experiences in inventive ways</li> <li>• question their own and others' assumptions</li> <li>• try out alternatives or new solutions and follow ideas through</li> <li>• adapt ideas as circumstances change.</li> </ul>	31/10/11	<a href="#">Geometry and measure 1</a>	<p>1.1 Competence</p> <p>2.1 Representing</p>	Length and perimeter GM1.1 Area and compound shapes GM1.2	<p><a href="#">On the Edge</a> <a href="#">Fence It</a> <a href="#">Hidden Dimensions</a> <a href="#">Warmsnug Double Glazing</a></p>		
		07/11/11	<a href="#">Number 2</a>	<p>1.1 Competence</p> <p>2.2 Analysing</p>	Order of operations N2.1 Using a calculator N2.2 Fractions and decimals N2.3 Percentages N2.4	<p><a href="#">ordering</a> <a href="#">Make 37</a> <a href="#">Consecutive Numbers</a> <a href="#">Where Can We Visit?</a> <a href="#">Consecutive Sums</a> <a href="#">Consecutive Seven</a> <a href="#">Make 100</a> <a href="#">Matching Fractions Decimals</a> <a href="#">Percentages</a></p>		
		17/11/11						
		21/11/11	<a href="#">Statistics 1</a>	<p>1.2 Creativity</p> <p>2.3 Interpreting and evaluating</p>	Averages and range S1.1 Representing data S1.2 Probability S1.3	<p><a href="#">M, M and M</a> <a href="#">Searching for (Mean)ing</a> <a href="#">Litov's Mean Value Theorem</a> <a href="#">Odds and Evens</a> Which average is tallest?</p>		
		28/11/11						
		05/12/11	Assessment Week: <a href="#">Using and Applying Activity 1</a>					
		12/12/11	<a href="#">Algebra 2</a>	<p>1.2 Creativity</p> <p>2.2 Analysing</p>	Formulae A2.1 Functions and equations A2.2	<p><a href="#">Crossed Ends</a> <a href="#">Number Pyramids</a> <a href="#">More Number Pyramids</a></p>		

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Spring 1 Year 7	<p><b>Team Workers</b></p> <p><b>Focus:</b> Young people work confidently with others, adapting to different contexts and taking responsibility for their own part. They listen to and take account of different views. They form collaborative relationships, resolving issues to reach agreed outcomes.</p> <p><b>Students:</b></p> <ul style="list-style-type: none"> <li>collaborate with others to work towards common goals</li> <li>reach agreements, managing discussions to achieve results</li> <li>adapt behaviour to suit different roles and situations, including leadership roles</li> <li>show fairness and consideration to others</li> <li>take responsibility, showing confidence in themselves and their contribution</li> <li>provide constructive support and feedback to others.</li> </ul>	02/01/12	<a href="#">Algebra 2</a>	<p>1.2 Creativity</p> <p>2.2 Analysing</p>	Formulae A2.1 Functions and equations A2.2	<p><a href="#">Crossed Ends</a></p> <p><a href="#">Number Pyramids</a></p> <p><a href="#">More Number Pyramids</a></p>	
		09/01/12	<a href="#">Geometry 2</a>	<p>1.2 Creativity</p> <p>2.4 Communicating and reflecting</p>	Angles Gm2.1 Coordinates and shapes Gm2.2 Christmas co-ordinates?	<p><a href="#">Property Chart</a></p> <p><a href="#">Shapely Pairs</a></p> <p><a href="#">Quadrilaterals Game</a></p> <p><a href="#">Cops and Robbers</a></p> <p><a href="#">Coordinate Patterns*</a></p> <p><a href="#">Route to Infinity</a></p> <p><a href="#">Estimating Angles</a></p>	
		16/01/12					
		23/01/12	Assessment Week: <a href="#">Using and Applying Activity 2</a>				
		30/01/12	<a href="#">Statistics 2</a>	<p>1.3 Applications and implications of mathematics</p> <p>2.4 Communicating and reflecting</p>	Survey S2.1 Experiments and Probability S2.2	Students to conduct a survey on school.	
		06/02/12					

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Spring 2 Year 7	<p><b>Independent Enquirers</b></p> <p><b>Focus:</b> Young people process and evaluate information in their investigations, planning what to do and how to go about it. They take informed and well-reasoned decisions, recognising that others have different beliefs and attitudes.</p> <p><b>Students:</b></p> <ul style="list-style-type: none"> <li>• identify questions to answer and problems to resolve</li> <li>• plan and carry out research, appreciating the consequences of decisions</li> <li>• explore issues, events or problems from different perspectives</li> <li>• analyse and evaluate information, judging its relevance and value</li> <li>• consider the influence of circumstances, beliefs and feelings on decisions and events</li> <li>• support conclusions, using reasoned arguments and evidence.</li> </ul>	20/02/12	<a href="#">Number 3</a>	<p><b>1.1 Competence</b> <b>2.4 Communicating and reflecting</b></p>	<p>Mental methods N3.1 Written methods of multiplying and dividing N3.2 Using a calculator N3.3</p>	<p><a href="#">Number Daisy</a> <a href="#">Got It</a> <a href="#">Countdown</a> <a href="#">Remainders</a> <a href="#">The Remainders Game</a></p>	
		27/02/12					
		05/03/12	Assessment Week: Non - Calculator Paper				
		12/03/12	<p><a href="#">Geometry and measure 3</a></p>	<p><b>1.3 Applications and implications of mathematics</b> <b>2.4 Communicating and reflecting</b></p>	<p>Measures GM3.1 Triangles GM 3.2 Nets and solid shapes GM3.3 Representing 3-D shapes GM3.4</p>	<p>Original units to measure a classroom <a href="#">Cuboids</a> <a href="#">Marbles in a Box</a></p>	
		19/03/12					
		26/03/12					

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Summer 1 Year 7	<p><b>Effective Participators</b></p> <p><b>Focus:</b> Young people actively engage with issues that affect them and those around them. They play a full part in the life of their school, college, workplace or wider community by taking responsible action to bring improvements for others as well as themselves.</p> <p><b>Students:</b></p> <ul style="list-style-type: none"> <li>discuss issues of concern, seeking resolution where needed</li> <li>present a persuasive case for action</li> <li>propose practical ways forward, breaking these down into manageable steps</li> <li>identify improvements that would benefit others as well as themselves</li> <li>try to influence others, negotiating and balancing diverse views to reach workable solutions</li> <li>act as an advocate for views and beliefs that may differ from their own.</li> </ul>	16/04/12	<a href="#">Algebra 3</a>	<p><b>1.4 Critical understanding</b></p> <p><b>2.2 Analysing</b></p>	Expressions and equations A3.1 Functions and mappings A3.2	My algebra family		
		23/04/12	<a href="#">Number 4</a>	<p><b>1.2 Creativity</b></p> <p><b>2.1 Representing</b></p>	Fractions and %'s of amounts N4.1 Ratio and proportion N4.2 Adding and subtracting fractions N4.3	Which is the better deal? <a href="#">Fractions Jigsaw</a> <a href="#">Peaches Today, Peaches Tomorrow...</a> <a href="#">Mixing Lemonade</a>		
		30/04/12						
		07/05/12	Assessment Week: Calculator Paper					
		14/05/12	<a href="#">Algebra 4</a>	<p><b>1.4 Critical understanding</b></p> <p><b>2.1 Representing</b></p>	Functions and graphs A4.1 Using graphs A4.2			
		21/05/12	<a href="#">Geometry and Measure 4</a>		Reflection GM 4.1 Rotation GM4.2 Translation GM4.3	<p><a href="#">Reflecting Squarely</a></p> <p><a href="#">Isometrically</a></p> <p><a href="#">Mirror, Mirror... on the Wall</a></p> <p>Design a family shield</p>		
		28/05/12	<a href="#">Statistics 3</a>		Comparing data S3.1 Using statistics S3.2			