

## TECHNOLOGY – GRADE 9 2025

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
<b>PHASE 1 (15 January 2025 – 28 March 2025)</b>		
<b>Drawing Techniques</b>	Setting up a page	Classwork Mark /15 Control Test /20  <b>PAT 1 – Phase One</b> 24 Feb
	Line work	
	Freehand Drawing	
	Printing	
<b>Construction</b>	Tangents – lines and circles	
	Ellipse	
<b>Mechanical Drawings (Orthographic)</b>	Working with a grid	
	Grid removed – Dimensions added	
<b>PAT</b>	PAT 1 - Phase One	
<b>Digital Technology</b>	Microsoft Excel: <ul style="list-style-type: none"> <li>• Worksheet basics</li> <li>• Modifying a worksheet</li> <li>• Working with formulae</li> <li>• Formatting techniques</li> </ul>	
<b>PHASE 2 (8 April 2025 – 27 June 2025)</b>		
<b>Isometric</b>	Copying of isometric & 3 <sup>rd</sup> Angle Orthographic and converting to Isometric	<b>June Exam</b> 17 – 27 June
<b>Civil</b>	Floor Plans	
	Elevations	
<b>Digital Technology</b>	Drone Technology: <ul style="list-style-type: none"> <li>• Basic drone applications</li> <li>• Learning basic operations</li> <li>• Flying a drone</li> <li>• Determining a flight path and executing</li> </ul>	
<b>PHASE 3 (22 July 2025 – 21 November 2025)</b>		
<b>Perspective Drawing</b>	Drawing of dwellings to one vanishing point	<b>PAT 1 – Phase Two</b> 25 – 29 Aug
<b>PAT</b>	PAT 1 – Phase Two	
<b>Solid Geometry</b>	1 <sup>st</sup> – Angle Orthographic Projection (Triangles, Squares, Pentagons, Octagons)	
<b>Digital Technology</b>	AutoCAD: <ul style="list-style-type: none"> <li>• Setting up layers</li> <li>• Functions and commands &amp; short Part 1</li> <li>• Functions and commands &amp; short Part 2</li> <li>• Practical learning – when to use commands</li> </ul> Redrawing exercise	<b>End of Year Exam</b> 10 – 21 Nov