

**GRADE 8**  
**TECHNOLOGY 2014**

TOPIC	ASSESSMENT STANDARDS & ACTIVITIES	ASSESSMENT TASKS
<b>Phase 1</b>		
Processing	<ul style="list-style-type: none"> <li>• Technology and preservation of Food</li> <li>• Micro-Organisms.</li> <li>• Measuring.</li> <li>• Recipe's</li> <li>• Safety in the kitchen</li> <li>• Nutrition</li> <li>• Packaging</li> </ul>	<ol style="list-style-type: none"> <li>1. Make a safety poster</li> <li>2. Make a batch of biscuits at home, in class do a taste test evaluation</li> </ol>
Graphic communication	All drawings to be done using Work Books <ul style="list-style-type: none"> <li>• Drawing Technique using instruments</li> <li>• Constructions</li> </ul>	Test on Drawing techniques
<b>Phase 2</b>		
Structures	<ul style="list-style-type: none"> <li>• Bridges</li> <li>• Types of members</li> <li>• Struts, Ties and Guys</li> <li>• Tension and compression</li> </ul>	Bridge building from straws or rolled up paper dowels
Graphic communication	All drawings to be done using work books <ul style="list-style-type: none"> <li>• Construction s</li> <li>• Isometric Drawings</li> </ul>	Midyear Exam constructions and isometric drawings & Technology theory
<b>Phase 3</b>		
Systems and control	Mechanical (crank,gears,pulleys) Basic calculations Electrical (basic circuits)	Design and make a child's pull toy using cranks, gears or pulleys also incorporate an electrical circuit in it
Graphic communication	All drawings to be done using work books <ul style="list-style-type: none"> <li>• Orthographic Drawings</li> </ul>	End of year exam All drawings and Technology theory

**Detailed instructions in CAPS document found on the DOE website**