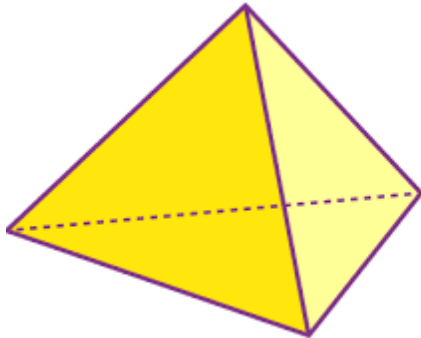


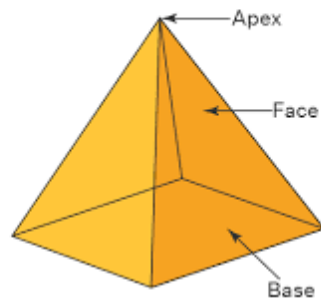
SECOND TERM

WEEKLY LESSON NOTES

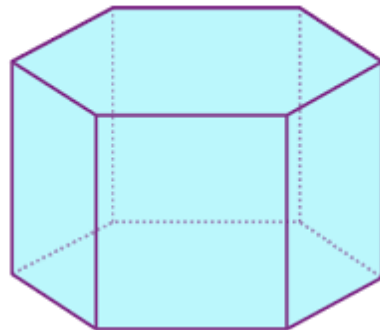
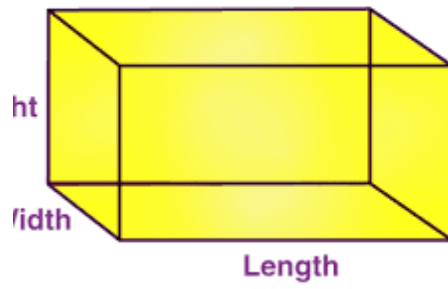
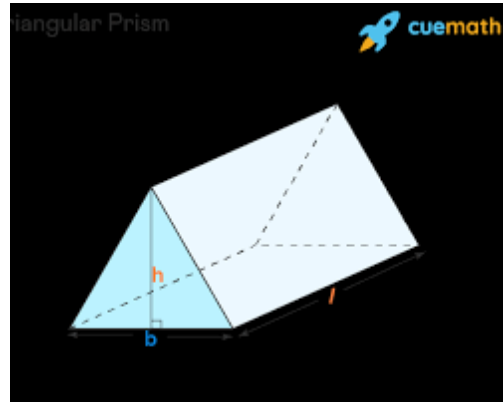
WEEK 9

Week Ending:	Day:	Subject: Career Technology
Duration: 60MINS		Strand: Designing And Making Of Artefacts
Class: B9	Class Size:	Sub Strand: Communicating Designs
Content Standard: B9.5.1.1 Demonstrate understanding of developing surfaces of objects for production/ manufacturing		Indicator: B9.5.1.1.1 Describe prisms and pyramids and discuss the importance of developing them
		Lesson: 1 of 2
Performance Indicator: Learners can describe prisms and pyramids and discuss the importance of developing them.		Core Competencies: CP 6.5: CI 5.4: CI 5.2: CI 6.10:
Reference: Career Technology Curriculum Pg. 101		
New words: Materials, Tools, Mechanisms, Simple, Function, Purpose,		
Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	Revise with learners on the previous lesson. Share performance indicators with learners.	
PHASE 2: NEW LEARNING	Guide learners to identify types of prism and pyramid. E.g., - Prisms; cylinder, square prism, triangular prism, rectangular prism - Pyramids: cone, square pyramid, triangular pyramid, rectangular pyramid Demonstrate by sketching the types of prism and pyramid. E.g., cone, square pyramid, triangular pyramid 	

Square Pyramid



Triangular Prism



	<p>Learners in their groups differentiate between prisms and pyramids. E.g. Prisms have their front view in the form of rectangles, whereas, pyramids have their front view in the form of triangles</p> <p>Guide learners to discuss the importance of developing surfaces of objects before manufacturing them. E.g. - Enables easier duplication of templates - Minimizes waste of materials - Saves time spent on production</p> <p><u>Assessment</u></p> <ol style="list-style-type: none"> 1. Sketch the following types of prism and pyramid. 2. (cone, square pyramid, triangular pyramid) 3. Identify 2 types each of prism and pyramid. 4. State three importance of developing surfaces of objects before manufacturing them 	
<p>PHASE 3: REFLECTION</p>	<p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p>	

Week Ending:	Day:	Subject: Career Technology
Duration: 60MINS		Strand: Designing And Making Of Artefacts
Class: B9	Class Size:	Sub Strand: Communicating Designs
Content Standard: B9.5.1.1 Demonstrate understanding of developing surfaces of objects for production/ manufacturing	Indicator: B9.5.1.1.2 Develop surfaces of pyramids using instruments	Lesson: 1 of 2
Performance Indicator: Learners can develop surfaces of pyramids using instruments		Core Competencies: CP 6.5: CI 5.4: CI 5.2: CI 6.10:
Reference: Career Technology Curriculum Pg. 101		
New words: Materials, Tools, Mechanisms, Simple, Function, Purpose,		
Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	Revise with learners on the previous lesson. Share performance indicators with learners.	
PHASE 2: NEW LEARNING	Guide learners to Illustrate the techniques of developing prisms and pyramids using instruments E.g., Draw the front view and plan, and then project them to draw the surface development of the prism and pyramids. Guide learners to develop surfaces of simple objects (cylinder, cone, square prism, square pyramid) to required dimensions. Learners in their groups cut out the shapes of developed surfaces leaving flaps for joining. Demonstrate by folding and join the cut-outs as expected to obtain the objects E.g., milk tin, milo tin, match box, sugar box, pizza box, funnel, Christmas hat. Plan and mount an exhibition of the objects for appraisal	
PHASE 3: REFLECTION	Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.	

	Take feedback from learners and summarize the lesson.	
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