

# SECOND TERM LESSON NOTES

## WEEK 10

<b>Date:</b> 15 <sup>th</sup> JULY, 2022.	<b>Period:</b>	<b>Subject:</b> Career Technology
<b>Duration:</b>		<b>Strand:</b> Technology
<b>Class:</b> B7	<b>Class Size:</b>	<b>Sub Strand:</b> Simple Structures And Mechanisms
<b>Content Standard:</b> B7.4.1.1 Learners can describe the uses of structures in construction	<b>Indicator:</b> B7.4.1.1.1: Outline the uses of structures in construction	<b>Lesson:</b> 1 of 2
<b>Performance Indicator:</b> Learners can describe the uses of structures in construction		<b>Core Competencies:</b> CC 8.1:CP 6.5: CC 8.2: CI 6.1: CI 6.10:
<b>Reference:</b> Career Technology Curriculum Pg. 26-29		
<b>Phase/Duration</b>	<b>Learners Activities</b>	<b>Resources</b>
<b>PHASE 1: STARTER</b>	Review to find out what learners already know about structures in construction.  Share performance indicators with learners and introduce the lesson.	
<b>PHASE 2: NEW LEARNING</b>	Brainstorm learners to explain what is meant by structures in construction. E.g., Method of supporting loads (triangulation, truss) to prevent collapse.  Guide learners to identify and classify structures under natural and man-made E.g. - Natural: structures created by nature to provide support (spider web, honeycomb and human skeleton) - Man-made: structures made by man to provide protection and support, (chairs, helmets, suspension bridge)  Have learners classify structures under frame and shell. E.g. - Frame structures: crane, electricity pylon and building - Shell structures: body of motor car shaped from panels.	Pictures and Charts
<b>PHASE 3: REFLECTION</b>	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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<b>Content Standard:</b> B7.4.1.1 Demonstrate understanding of structures in construction	<b>Indicator:</b> B7.4.1.1.1: Outline the uses of structures in construction	<b>Lesson:</b> 2 of 2
<b>Performance Indicator:</b> Learners can describe the uses of structures in construction		<b>Core Competencies:</b> CC 8.1:CP 6.5: CC 8.2: CI 6.1: CI 6.10:
<b>Reference:</b> Career Technology Curriculum Pg. 26-29		
Phase/Duration	Learners Activities	Resources
<b>PHASE 1: STARTER</b>	Revise with learners on the previous lesson.  Share performance indicators with learners and introduce the lesson.	
<b>PHASE 2: NEW LEARNING</b>	Engage learners to discuss the uses of structures in construction. E.g. - Carrying loads for which they were designed without toppling over or collapsing - Supporting the various parts of artefacts  Guide learners to make sketches of both frame and shell structures and prepare a sketch album to use as materials for learning structures.  Have learners display the sketch album for appraisal.	Pictures and Charts
<b>PHASE 3: REFLECTION</b>	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.	