FAYOL INC. 0547824419

## FIRST TERM

## WEEKLY LESSON NOTES WEEK 7

Week Ending: 24-02-2023		Day:		Subject: Career Technology			
Duration: 60MINS		S		Strand: Materials For Production			
Class: B8		Class Size:		Sub Strand: Smart And Mo		1odern Materials	
Content Standard: B8.2.3.1 Demonstrate understar the use of smart and modern ma		<u> </u>		rt and modern	Lesson:		
Performance Indica						ore Competencies:	
Learners can discuss					CP 6.5: CI 5.4: 0	CI 5.4: CI 5.2: CI 6.10:	
Reference: Career 7	echnology	Curriculum I	Pg. 49				
Phase/Duration	Loornore	A ativities				Resources	
PHASE I:	Learners Activities  Recap with learners to find out what they already know				dy know	Resources	
STARTER	-		metal, ceram	•	•		
		,	, , , , , , , , , , , , , , , , , , , ,				
			e indicators ar				
PHASE 2: <b>NEW</b>			ne the followi	ng keyword	ls.		
LEARNING		l modern ma		incored to b	avo improved		
			have been eng hanged by exte		•		
	properties and can be changed by exposure to stimuli, such as electric and magnetic fields, stress, etc.						
		0 1	, ,				
	Brainstorm learners to explain Smart workshop and identify						
	some features of it.						
	Smart and modern workshops are workshops that are stuffed with highly sophisticated tools and equipment.						
	with highly	sopnisucated	toois und equi	ринени.			
	Identify areas where smart and modern materials are in use.						
	E.g., building industry						
	Using pict modern m	-	earners to ide	ntify some s	smart and		
	Have lear	ners search f	or products n	nade from s	smart and		
			g ICT tools ar				
	E.g.						
			ed in pizza top				
			sportswear an ys (LCDs)for		t omitting		
	diodes	i ystai Dispia	ys (LCDs)ioi	organic ligh	t-erritting		
		romic pigme	nts for lens in	glass, wind	ows		
PHASE 3:	Use peer	discussion ar	nd effective qu	estioning to	o find out		
REFLECTION	from learn	ners what the	ey have learnt	during the	lesson.		
	Take feed	back from le	arners and su	mmarize th	e lesson.		

Ask learners how the lesson will benefit them in their daily	
lives.	

Week Ending: 24-02-2023		Day:		Subject: Career Technology		
Duration: 60MINS				Strand: Materials For Production		
Class: B8		Class Size:		Sub Strand: Smart And Mod		Modern Materials
Content Standard: B8.2.3.1 Demonstrate understar the use of smart and modern ma					Lesson: 2 of 2	
Performance Indica Learners can discuss				Core Compet CP 6.5: CI 5.4:		
Reference: Career T	echnology	Curriculum I	Pg. 49			
Phase/Duration	Learners A					Resources
PHASE I: STARTER	Recap with learners to find out what they already know about plastic, wood, metal, ceramics and glass.  Share the performance indicators and introduce the lesson					
PHASE 2: NEW LEARNING	Share the performance indicators and introduce the lesson.  Guide learners to define the following keywords.  Smart and modern materials:  They are materials that have been engineered to have improved properties and can be changed by exposure to stimuli, such as electric and magnetic fields, stress, etc.  Brainstorm learners to explain Smart workshop and identify some features of it.  Smart and modern workshops are workshops that are stuffed with highly sophisticated tools and equipment.  Identify areas where smart and modern materials are in use.  E.g., building industry  Using pictures guide learners to identify some smart and modern materials.  Have learners search for products made from smart and modern materials using ICT tools and other sources.  E.g.  - Modified starches used in pizza toppings  - Sanitized fabrics for sportswear and socks  - Liquid Crystal Displays (LCDs)for organic light-emitting diodes					
PHASE 3: REFLECTION			nd effective qu ey have learnt			

Take feedback from learners and summarize the lesson.	
Ask learners how the lesson will benefit them in their daily lives.	