

SCHOOL	LEARNING AREA	GRADE	TERM	YEAR
	PRE-TECHNICAL STUDIES	8	2	2025

WK	LSN	STRAND	SUB-STRAND	LESSON LEARNING OUTCOMES	LEARNING EXPERIENCES	KIQ	LEARNING RESOURCES	ASSESSMENT METHOD	REFL
1	1	Materials for Production.	Composite Materials.	<p>By the end of the lesson,the learner should be able to;</p> <ul style="list-style-type: none"> a) Define the term Composite material. b) Identify composite materials in the locality. c) Search the internet for pictures of common composite materials. d) Collect some of the composite materials in the locality. e) Enjoy collecting the composite materials in the environment. 	<p>In groups,pairs,learner s are guided to:</p> <p>explain the meaning of composite materials.</p> <p>study pictures and identify the materials used to make the composites.</p> <p>list some of the composite materials found in the locality.</p> <p>Walk around the school compound or in the neighborhood and collect items made</p>	<p>What are composite materials?</p> <p>Which items are made of composite materials in the locality?</p>	<p>Realia.</p> <p>Pictures.</p> <p>Top Scholar Pre-Technical Studies pg 38-39.</p> <p>Digital devices.</p>	<p>Observation.</p> <p>Checklists.</p> <p>Oral questions</p> <p>Oral discussion.</p> <p>Written tests.</p>	

					of composite materials.				
	2	Materials for Production.	Composite Materials.	<p>By the end of the lesson,the learner should be able to;</p> <ul style="list-style-type: none"> a) List the common composite materials in the locality. b) Describe the composition of composite materials in the locality. c) Prepare charts showing the composition of the different composite materials. d) Acknowledge the constituent substances in composite materials. 	<p>In groups,pairs,learner s are guided to;</p> <p>distinguish between matrix and reinforcement in composite materials.</p> <p>list the common composite materials and identify their constituent substances.</p> <p>discuss the common composite materials and their constituents.</p> <p>prepare charts to show the common composite materials and their composition.</p>	How can composite materials be identified?	<p>Composite materials.</p> <p>Top Scholar Pre-Technical Studies pg 40</p> <p>Charts.</p>	<p>Peer assessment.</p> <p>observation.</p> <p>checklists</p> <p>oral questions</p> <p>oral discussions.</p>	
	3	Materials for Production.	Composite Materials.	<p>By the end of the lesson,the learner should be able to;</p>	<p>In groups,pairs,learner s are guided to;</p>	What are the uses of the common composite	Top Scholar Pre-Technical	<p>Assessment rubric.</p> <p>Oral questions</p>	

				<p>a) State the unique characteristics of composite materials.</p> <p>b) Relate the composite materials to their uses in work environment.</p> <p>c) Acknowledge the importance of composite materials used in the locality.</p>	<p>outline the unique characteristics of composite materials.</p> <p>discuss the uses of some common composite materials in the locality.</p> <p>use digital devices to search and watch video clips on different uses of composite materials.</p> <p>prepare posters showing the uses of the different composite materials.</p>	materials in the locality?	<p>Studies pg 41-44.</p> <p>Charts.</p> <p>Teacher's Notes</p> <p>Digital devices.</p>	<p>observation.</p> <p>Written tests</p> <p>Peer assessment</p>	
	4	Materials for Production.	Composite Materials.	<p>By the end of the lesson,the learner should be able to;</p> <p>a) Identify the careers associated with composite materials in the locality.</p> <p>b) Describe the careers associated with composite materials in the locality.</p> <p>c) Prepare posters/flashcards</p>	<p>In groups,pairs,learner s are guided to:</p> <p>study pictures and identify the careers related to use of composite materials.</p> <p>describe the different careers related to use of</p>	Which careers are related to the use of composite materials?	<p>Top Scholar Pre-Technical Studies pg 45-47.</p> <p>Digital devices.</p> <p>Posters.</p> <p>Flashcards.</p>	<p>Assessment rubric.</p> <p>Checklists.</p> <p>Written tests.</p> <p>oral questions</p> <p>Oral discussion.</p>	

				<p>showing the careers related to use of composite materials.</p> <p>d) Appreciate the different careers related to use of composite materials in the locality.</p>	<p>composite materials.</p> <p>search the internet for careers related to use of composite materials.</p> <p>prepare posters and flashcards showing the careers related to composite materials.</p>		Pictures.		
2	1	Materials for Production.	Composite Materials.	<p>By the end of the lesson,the learner should be able to;</p> <p>a) Identify the importance of composite materials used in the locality.</p> <p>b) Discuss the importance of composite materials.</p> <p>c) Acknowledge the importance of composite materials used in the locality .</p>	<p>In groups,pairs,learners are guided to;</p> <p>study pictures in learner's book and explain the the importance of the items made from the composite materials shown in the pictures.</p> <p>brainstorm the importance of composite materials used in locality.</p> <p>discuss the importance of composite materials.</p>	Why are composite materials?	<p>Top Scholar Pre-Technical Studies pg 47-48</p> <p>Digital devices.</p> <p>Pictures.</p>	<p>Assessment rubric.</p> <p>Written tests.</p> <p>oral questions</p> <p>oral discussions.</p>	

					search the internet for more information on the importance of composite materials.				
	2	Materials for Production.	Ceramic Materials.	By the end of the lesson,the learner should be able to; <ul style="list-style-type: none"> a) Identify the common ceramic materials in the locality. b) Describe the common types of ceramic materials in the locality. c) Search the internet for information and pictures of ceramic materials. d) Appreciate the common ceramic materials in the locality. 	In groups,pairs,learner s are guided to; <ul style="list-style-type: none"> collect and display the ceramic materials. search for meaning of ceramic material from textbook or internet. identify items made of ceramic materials. describe the common ceramic materials in the locality. 	What are ceramic materials? <ul style="list-style-type: none"> What items made from ceramic materials do you know? 	Pictures. <ul style="list-style-type: none"> Top Scholar Pre-Technical Studies pg 49-51. Ceramic items. Digital devices. 	Observation. <ul style="list-style-type: none"> Checklists. Oral questions Oral discussion . Written tests. 	
	3	Materials for Production.	Ceramic Materials.	By the end of the lesson,the learner should be able to; <ul style="list-style-type: none"> a) Identify the physical properties of ceramic materials in the locality. 	In groups, pairs,learners are guided to; <ul style="list-style-type: none"> Carry out simple activities to determine the physical properties 	What are the physical properties of ceramic materials?	Top Scholar Pre-Technical Studies pg 51-54.	Practical Activities. <ul style="list-style-type: none"> Observation. Checklists. 	

				<ul style="list-style-type: none"> b) Discuss the physical properties of ceramic materials in the locality. c) Conduct simple experiments to investigate the physical properties of ceramic materials. d) Acknowledge the properties of ceramic materials. 	<p>of ceramic materials and record their observation.</p> <p>identify the physical properties of ceramic materials from the activities.</p> <p>discuss the physical properties of ceramic materials.</p> <p>search internet for video clips on physical properties of ceramic materials.</p>		<p>Ceramic materials.</p> <p>Video clips.</p> <p>Digital devices.</p>	<p>Oral questions.</p> <p>Written tests.</p>	
	4	Materials for Production.	Ceramic Materials.	<p>By the end of the lesson, the learner should be able to;</p> <ul style="list-style-type: none"> a) State the uses of ceramic materials in the locality. b) Discuss the uses of ceramic materials in the locality. c) Search the internet for more information on uses of ceramic materials. 	<p>In groups, pairs, learner s are guided to;</p> <p>list the items made from ceramic materials.</p> <p>discuss the uses of ceramic materials in the community.</p> <p>search the internet for more information and video clips on the</p>	<p>What items are made from ceramic materials?</p>	<p>Pictures.</p> <p>Ceramic materials.</p> <p>Top Scholar Pre-Technical Studies pg 54-56.</p> <p>Digital devices.</p> <p>Internet.</p>	<p>Oral questions</p> <p>Oral discussion.</p> <p>Observation.</p> <p>Written tests.</p> <p>Assessment rubric.</p>	

				d) Appreciate the uses of ceramic materials in the locality.	uses of ceramic materials.		Video clips.		
3	1	Materials for Production.	Ceramic Materials.	By the end of the lesson,the learner should be able to; a) Identify the careers related to use of ceramic materials in the locality. b) Discuss the careers related to use of ceramic materials in the locality. c) Prepare posters showing the careers related to use of ceramic materials in the locality. d) Appreciate the careers related to ceramic materials.	In groups,pairs,learner s are guided to; brainstorm on the careers related to use of ceramic materials in the locality. discuss the careers related to use of ceramic materials in the locality. search the internet for more information on the careers related to use of ceramic materials.	What careers are related to use ceramic materials in the locality?	Top Scholar Pre-Technical Studies pg 57-58. Digital devices. Posters.	Oral questions Oral discussion. Written tests.	
	2	Materials for Production.	Ceramic Materials.	By the end of the lesson,the learner should be able to; a) State the importance of ceramic materials used in the locality. b) Discuss the importance of ceramic materials in the locality.	In groups,pairs,learner s are guided to; study the information in learner's book. discuss the importance of	Why are ceramic materials important in the locality?	Top Scholar Pre-Technical Studies pg 59-60. Digital devices. Internet.	Peer Assessment. Written tests. oral questions oral discussions.	

				<p>c) Search the importance for more information on importance of ceramic materials used in locality.</p> <p>d) Acknowledge the importance of ceramic materials used in the locality.</p>	<p>ceramic materials used in the locality.</p> <p>present their findings in class .</p>				
	3	Communication.	Business Communication.	<p>By the end of the lesson,the learner should be able to;</p> <p>a) Define the terms: Communication, Business Communication and Communication Channel.</p> <p>b) Identify the forms of communication in a work environment.</p> <p>c) Discuss oral/verbal communication channels in a work environment.</p> <p>d) Search the internet for advantages and disadvantages of oral communication in a work environment.</p> <p>e) Appreciate the use of oral</p>	<p>In groups,pairs,learner s are guided to:</p> <p>explain the meaning of terms: communication, business communication and communication channel.</p> <p>search the internet or books for the forms of communication channel.</p> <p>discuss the oral communication channels.</p> <p>state the advantages and disadvantages of oral</p>	<p>Why is business communication important?</p> <p>What types of of communication channels do you know?</p>	<p>Business Studies pg 74-75.</p> <p>Internet.</p> <p>Digital devices.</p>	<p>Written tests.</p> <p>Assessment rubric.</p> <p>Oral questions.</p> <p>Oral discussion.</p> <p>Peer assessment.</p>	

				communication channels in a work environment.	communication channels.				
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