

GRADE 9 RATIONALIZED PRE TECHNICAL SCHEME OF WORK TERM 2

WK	LSN	STRAND	SUB-STRAND	LESSON LEARNING OUTCOME	LEARNING EXPERIENCES	KEY INQUIRY QUESTION	LEARNING RESOURCES	ASSESSMENT	REFL
1	1	Tools and Production.	Holding Tools	<p>By the end of the lesson, the learner should be able to:</p> <p>a) Identify holding tools used in day to day life.</p> <p>b) Draw the identified hold tools in exercise books and charts.</p> <p>c) Enjoy drawing the different holding tools.</p>	<p>In groups or pairs,learners are guided to:</p> <p>brainstorm and present the meaning of holding tools.</p> <p>study pictures of different holding tools and identify them by names.</p> <p>mention where the tools are used.</p> <p>draw and name the different holding tools on exercise books and charts.</p>	Which holding tools do you know?	<p>Oxford Pre-Technical Studies pg 92-94.</p> <p>Pictures.</p> <p>Digital devices.</p> <p>Lesson notes.</p> <p>Holding tools.</p>	<p>Oral questions.</p> <p>Drawing.</p> <p>Written tests.</p> <p>Checklists.</p>	
	2	Tools and Production	Holding Tools.	<p>By the end of the lesson, the learner should be able to:</p> <p>a) Identify the uses of the</p>	<p>In groups or pairs,learners are guided to:</p> <p>brainstorm on the uses of the</p>	What are the uses of the different holding tools?	<p>Lesson notes.</p> <p>Digital resources.</p> <p>Pictures.</p>	<p>Assessment rubrics.</p> <p>Oral questions.</p>	

				<p>different holding tools.</p> <p>b) Use digital or print resources to find for information on uses of the different holding tools.</p> <p>c) Appreciate the uses of the different holding tools.</p>	<p>different holding tools.</p> <p>study pictures of different holding tools and identify the uses of the different Holding tools.</p> <p>use digital or print resources to search for the uses of different holding tools.</p> <p>discuss the uses of the different Holding tools and summarize the points in exercise books.</p>		<p>Oxford Pre-Technical Studies pg 94-97.</p> <p>Charts.</p> <p>Holding tools.</p>	<p>Oral discussion.</p> <p>Written tests.</p> <p>Checklists.</p>	
	3	Tools and Production.	Holding Tools.	<p>By the end of the lesson, the learner should be able to:</p> <p>a) Outline the guidelines on how to safely use different holding tools.</p>	<p>In groups or pairs, learners are guided to:</p> <p>use digital or print resources to search for information and clips on safe</p>	How do we handle the holding tools safely?	<p>Oxford Pre-Technical Studies pg 97-98.</p> <p>Digital resources.</p> <p>Lesson notes.</p> <p>Video clips.</p>	<p>Assessment rubrics.</p> <p>Checklists.</p> <p>Oral questions.</p>	

				b) Use digital devices to find out information on safe use of holding tools. c) Embrace safe use of holding tools while performing tasks.	use of the different holding tools. outline and discuss the guidelines on how to safely use the different holding tools. write short notes on safe use of holding tools and present in class.			Oral discussion. Written tests.	
	4	Tools and Production.	Holding Tools.	By the end of the lesson, the learner should be able to: a) Recall the steps involved in using holding tools for tasks. b) Use holding tools to perform given tasks. c) Observe safety while performing given tasks	In groups, learners are guided to; prepare holding tools and materials for performing tasks. read through the steps for carrying out various tasks. collaborate in using various holding tools to perform various tasks.	Which safety measures should we observe when using holding tools in performing tasks?	Oxford Pre-Technical Studies pg 99-101. Pliers. Tongs. Resource person. Carpentry Shop. Wires, workbench. Bunsen burner, Tongs, Testtubes.	Practical Activities. Checklists. Portfolios. Observation. Assessment rubrics.	

				using holding tools.					
2	1	Tools and Production.	Holding Tools.	<p>By the end of the lesson, the learner should be able to:</p> <ul style="list-style-type: none"> a) Outline care practices for holding tools. b) Demonstrate care for holding tools used in day to day life. c) Embrace care practices for holding tools. 	<p>In groups or pairs, learners are guided to;</p> <p>explain the meaning of caring for holding tools.</p> <p>brainstorm and present on care practices for holding tools.</p> <p>identify and discuss the care practices for holding tools.</p> <p>clean and safely store holding tools.</p>	<p>Why should holding tools be stored in a clean and dry place?</p> <p>Why is it important to care for holding tools?</p>	<p>Oxford Pre-Technical Studies pg 102-103.</p> <p>Holding Tools.</p> <p>A clean piece of cloth, dust cover, oil or grease.</p> <p>Lesson notes.</p> <p>Video clips.</p> <p>Digital resources.</p>	<p>Assessment rubrics.</p> <p>Checklists.</p> <p>Practical Activities.</p> <p>Written tests.</p>	
	2	Tools and Production.	Holding Tools.	<p>By the end of the lesson, the learner should be able to:</p> <ul style="list-style-type: none"> a) State the importance of the holding tools. 	<p>In groups, learners are guided to;</p> <p>brainstorm and present on the importance of holding tools.</p>	<p>What is the importance of holding tools in our daily life?</p>	<p>Oxford Pre-Technical Studies pg 103.</p> <p>Digital devices.</p> <p>Lesson notes.</p>	<p>Oral discussion.</p> <p>Written tests</p> <p>Checklists.</p> <p>Peer Assessment.</p>	

				<p>b) Use print or digital resources to find out the importance of holding tools in our day to day life.</p> <p>c) Appreciate the importance of holding tools in day to day life.</p>	<p>use print or digital resources to find out the importance of holding tools.</p> <p>discuss the importance of the holding tools and write down their points.</p> <p>present their discussion in class.</p>			Oral presentation.	
	3	Tools and Production.	Holding Tools. Assessment.	<p>By the end of the lesson, the learner should be able to:</p> <p>a) Attempt assessment questions on the sub-strand; Holding tools.</p>	<p>In pairs and individually, learners are guided to;</p> <p>answer assessment questions on the sub-strand.</p>		<p>Assessment books.</p> <p>Oxford Pre-Technical Studies Bk 9 pg 104-105.</p>	<p>Written questions.</p> <p>Checklists.</p> <p>Assessment rubrics.</p>	
	4	Tools and Production.	Driving Tools.	<p>By the end of the lesson, the learner should be able to:</p> <p>a) Identify driving tools used in day to day life.</p>	<p>In groups or pairs, learners are guided to;</p> <p>brainstorm and present the</p>	<p>What are Driving tools?</p> <p>Which driving tools do you know?</p>	<p>Oxford Pre-Technical Studies pg 106-108.</p> <p>Pictures.</p> <p>Digital devices.</p> <p>Video clips.</p>	<p>Drawing.</p> <p>Checklists.</p> <p>Assessment rubrics.</p>	

				<p>b) Draw and colour the different driving tools used to perform different tasks.</p> <p>c) Appreciate the different driving tools used in performing tasks.</p>	<p>meaning of driving tools.</p> <p>study pictures or realia and identify by name the different driving tools used in performing tasks.</p> <p>collaborate in drawing and colouring the different driving tools used in performing tasks.</p> <p>display charts showing the different driving tools.</p>		<p>Drawing books, pencils, colours and charts.</p>	<p>Oral questions.</p> <p>Written tests.</p>	
3	1	Tools and Production.	Driving Tools	<p>By the end of the lesson, the learner should be able to:</p> <p>a) Identify the uses of the driving tools for different tasks.</p>	<p>In groups, learners are guided to;</p> <p>study pictures showing driving tools being used and identify the uses of each driving tool.</p>	<p>What are the uses of the different driving tools?</p>	<p>Oxford Pre-Technical Studies pg 108-110.</p> <p>Digital resources.</p> <p>Video clips.</p> <p>Lesson notes</p> <p>Pictures.</p>	<p>Assessment rubrics.</p> <p>Checklists.</p> <p>Written tests.</p> <p>Observation.</p> <p>Oral discussion.</p>	

				<p>b) Use digital or print resources to search for uses of the different driving tools.</p> <p>c) Acknowledge the uses of the different driving tools.</p>	<p>select driving tools to perform different tasks.</p> <p>use digital or print resources to find out the uses of the different driving tools and write them down.</p> <p>discuss the uses of driving tools for different tasks.</p> <p>present their discussion in class.</p>		Charts.		
	2	Tools and Production.	Driving Tools.	<p>By the end of the lesson,the learner should be able to:</p> <p>a) Outline the safe ways of using different driving tools in performing tasks.</p> <p>b) Use print or digital devices to search for videos on safe</p>	<p>In groups,learners are guided to;</p> <p>brainstorm on how to use driving tools safely.</p> <p>use print or digital devices to search and watch clips on safe use of driving tools.</p> <p>discuss safe ways of using driving</p>	How can we use driving tools safely?	<p>Oxford Pre-Technical Studies pg 111-112.</p> <p>Digital devices.</p> <p>Video clips.</p> <p>Lesson notes.</p>	<p>Assessment rubrics.</p> <p>Oral discussion.</p> <p>Role play.</p> <p>Checklists.</p> <p>Written tests.</p>	

				<p>use of driving tools.</p> <p>c) Embrace safe use of holding tools for different tasks.</p>	<p>tools and note them down.</p> <p>role play safe use of holding tools for different tasks in class.</p>				
	3	Tools and Production.	Driving Tools.	<p>By the end of the lesson,the learner should be able to:</p> <p>a) Identify tasks to be performed using driving tools.</p> <p>b) Use hammer and mallets to perform given tasks.</p> <p>c) Observe safety when performing the tasks.</p>	<p>In groups,learners are guided to;</p> <p>prepare the requirements for performing given tasks using hammers and mallets.</p> <p>collaborate in using driving tools (hammers and mallets) to perform the given tasks.</p>	<p>What safety measures should you observe when using hammers and mallets?</p>	<p>Oxford Pre-Technical Studies pg 112-113.</p> <p>Hammers, Nails, mallets,pieces of wood.</p> <p>Workbench.</p> <p>Working area.</p>	<p>Portfolios.</p> <p>Checklists.</p> <p>Class project.</p> <p>Assessment rubrics.</p> <p>Observation.</p>	
	4	Tools and Production.	Driving Tools.	<p>By the end of the lesson,the learner should be able to:</p>	<p>In groups,learners are guided and led through the tasks to perform using</p>	<p>What safety measures did you observe when using</p>	<p>Spanners and screwdrivers.</p>	<p>Practical Activities.</p> <p>Observation.</p>	

				<p>a) Identify simple tasks to be performed using driving tools.</p> <p>b) Use driving tools to perform given tasks.</p> <p>c) Embrace using appropriate driving tools in performing given tasks.</p>	<p>screw driver and spanners.</p> <p>prepare all the necessary requirements for the tasks.</p> <p>collaborate in using driving tools (spanners and screw drivers) to perform different types of tasks.</p>	<p>screwdrivers and spanners?</p>	<p>Oxford Pre-Technical pg 114-115.</p> <p>Wood screws.</p> <p>Pieces of wood.</p> <p>Working benches.</p> <p>Bolts and their matching nuts.</p> <p>Pieces of metal to be joined.</p> <p>Pliers.</p>	<p>Checklists.</p> <p>Oral discussion.</p> <p>Class Project.</p>	
--	--	--	--	---	--	-----------------------------------	--	--	--