

2026 GRADE 9 RATIONALIZED SPOTLIGHT PRE-TECH STUDIES SCHEMES OF WORK - TERM 3

NAME:.....TSC NO:.....SCH:.....

WK	LSN	STRAND	SUB-STRAND	LESSON LEARNING OUTCOMES	LEARNING EXPERIENCES	KEY INQUIRY QUESTIONS	LEARNING RESOURCES	ASSESSMENT METHODS	REF L
	1	Tools and Production	Project - Identifying problems to be solved	<p>By the end of the lesson, the learner should be able to:</p> <ul style="list-style-type: none"> - Identify problems in the locality - Describe causes of identified problems - Show interest in solving community problems 	<ul style="list-style-type: none"> - Explore the locality to identify problems - Observe activities in different areas of the locality - Interview community members about challenges - Record findings in a structured format 	What problems in our locality can be solved using skills from Pre-Technical Studies?	<ul style="list-style-type: none"> - Spotlight Pre-Technical Studies - Learner's Book pg. 153 - Community resources - Questionnaires - Recording materials 	- Observation - Interview assessment - Field notes	
	2	Tools and Production	Project - Identifying problems to be solved	<p>By the end of the lesson, the learner should be able to:</p> <ul style="list-style-type: none"> - Analyze collected data on community problems - Select problems that can be solved using acquired skills - Appreciate the value of problem-solving 	<ul style="list-style-type: none"> - Analyze data collected during community visit - Identify skills learned in Pre-Technical Studies - Select problems that can be solved using the skills - Describe how solving the problems benefits the community 	Which problems can be effectively addressed with our existing skills?	<ul style="list-style-type: none"> - Spotlight Pre-Technical Studies - Learner's Book pg. 154 - Collected data - Digital resources - Presentation materials 	- Data analysis - Oral presentation - Written assignments	
	3	Tools and Production	Project - Selecting an item to solve the identified problem	<p>By the end of the lesson, the learner should be able to:</p> <ul style="list-style-type: none"> - Identify possible items to solve the identified problem - Select an appropriate item based on specific criteria - Show creativity in 	<ul style="list-style-type: none"> - Discuss how the identified problem can be solved - Use available resources to search for possible solutions - Identify items that can solve the problem - Suggest technical 	How do we determine the most appropriate solution to our identified problem?	<ul style="list-style-type: none"> - Spotlight Pre-Technical Studies - Learner's Book pg. 154 - Digital resources - Reference materials - Problem 	- Observation - Oral presentation - Solution assessment	

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				problem-solving	skills needed to make the items		analysis tools		
	4	Tools and Production	Project - Selecting an item to solve the identified problem	By the end of the lesson, the learner should be able to: - Identify possible items to solve the identified problem - Select an appropriate item based on specific criteria - Show creativity in problem-solving	- Discuss how the identified problem can be solved - Use available resources to search for possible solutions - Identify items that can solve the problem - Suggest technical skills needed to make the items	How do we determine the most appropriate solution to our identified problem?	- Spotlight Pre-Technical Studies Learner's Book pg. 154 - Digital resources - Reference materials - Problem analysis tools	- Observation - Oral presentation - Solution assessment	
2	1	Tools and Production	Project - Selecting an item to solve the identified problem	By the end of the lesson, the learner should be able to: - Evaluate potential solutions based on effectiveness - Consider resources, skills, and time constraints - Value sustainable problem-solving approaches	- Discuss possible items that can be made to solve the problem - Consider materials and tools required - Evaluate skills required and cost implications - Select one item to make for solving the problem	What factors should we consider when selecting a solution?	- Spotlight Pre-Technical Studies Learner's Book pg. 155 - Digital resources - Reference materials - Evaluation tools	- Observation - Decision-making assessment - Written justification	
	2	Tools and Production	Project - Making an item to solve the problem	By the end of the lesson, the learner should be able to: - Sketch the selected item - Plan the making process - Show creativity in design	- Make freehand sketches of the selected item - Use resources to find steps for making the item - Create a plan for making the item - Prepare material and tool lists	How should we plan the making process?	- Spotlight Pre-Technical Studies Learner's Book pg. 155 - Drawing materials - Digital resources - Reference materials	- Sketches assessment - Planning assessment - Oral presentation	
	3	Tools and	Project -	By the end of the lesson,	- Use resources to	What locally	- Spotlight	- Material selection	