

PRETECHNICAL STUDIES SCHEMES OF WORK GRADE 7

NAME OF THE TEACHER: _____

SCHOOL: _____ **TERM: II YEAR:** _____

Wk	LSN	strand	Sub-strand	Lesson Learning Outcomes	Key Inquiry Question(s)	Learning Experiences	Learning Resources	Assessment Methods	Ref
1	1	MATERIALS OF PRODUCTION	Introduction to Materials Introduction to Materials in Production	By the end of the lesson, the learner should be able to: a. Define materials used in production. b. Identify examples of production materials. c. Develop curiosity about the role of materials in production.	How are materials used sustainably?	The learner is guided to: ▪ discuss and present the meaning of materials used in production,	▪ Metals, ▪ Non-metals ▪ Career brochures, career magazines ▪ Digital devices <i>KLB Top Scholar Pretech Grd 7 T.G Pg. 45-49</i> <i>KLB Top Scholar Pretech Grd 7 P.B Pg. 54-55</i>	▪ Question and Answer ▪ Observation ▪ Checklist ▪ Written test ▪ Rubrics ▪ Project	
	2		Researching Materials Used in Production	By the end of the lesson, the learner should be able to: a. Describe different types of materials used in production. b. Use print and digital media to collect and share information on production materials. c. Demonstrate confidence in independent research and collaboration.	How are materials used sustainably?	The learner is guided to: ▪ use print or digital media to search for information on materials used in production and share with peers,	▪ Metals, ▪ Non-metals ▪ Career brochures, career magazines ▪ Digital devices <i>KLB Top Scholar Pretech Grd 7 T.G Pg. 45-49</i> <i>KLB Top Scholar Pretech Grd 7 P.B Pg. 54-55</i>	▪ Question and Answer ▪ Observation ▪ Checklist ▪ Written test ▪ Rubrics ▪ Project	
	3		Understanding Metallic and Non-Metallic Materials	By the end of the lesson, the learner should be able to: a. Explain the characteristics of metallic and non-metallic materials. b. Compare and differentiate metallic and non-metallic materials. c. Appreciate the diversity and importance of material properties.	How are materials used sustainably?	The learner is guided to: ▪ discuss the differences between metallic and non-metallic materials,	▪ Metals, ▪ Non-metals ▪ Career brochures, career magazines ▪ Digital devices <i>KLB Top Scholar Pretech Grd 7 T.G Pg. 45-49</i> <i>KLB Top Scholar Pretech Grd 7 P.B Pg. 54-55</i>	▪ Question and Answer ▪ Observation ▪ Checklist ▪ Written test ▪ Rubrics ▪ Project	

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	4		Sorting Local Materials	By the end of the lesson, the learner should be able to: a. List examples of metallic and non-metallic materials in the locality. b. Categorize local materials as metallic or non-metallic. c. Show responsibility in analyzing and sorting materials.	How are materials used sustainably?	The learner is guided to: ▪ sort out materials in the locality as either metallic or non-metallic,	<ul style="list-style-type: none"> ▪ Metals, ▪ Non-metals ▪ Career brochures, career magazines ▪ Digital devices <i>KLB Top Scholar Pretech</i> <i>Grd 7 T.G Pg. 45-49</i> <i>KLB Top Scholar Pretech</i> <i>Grd 7 P.B Pg. 54-55</i>	<ul style="list-style-type: none"> ▪ Question and Answer ▪ Observation ▪ Checklist ▪ Written test ▪ Rubrics ▪ Project 	
2	1		Sustainable Use of Production Materials	By the end of the lesson, the learner should be able to: a. Describe sustainable practices in using production materials. b. Brainstorm and propose eco-friendly strategies for material use. c. Value sustainability and its impact on production and the environment.	How are materials used sustainably?	The learner is guided to: ▪ brainstorm and present sustainable ways of using materials in production,	<ul style="list-style-type: none"> ▪ Business Studies handbook ▪ Photographs and pictures ▪ Charts <i>MTP BST G7 T.G pg. 80-86</i> <i>MTP BST G7 P.b pg. 75-77</i>	<ul style="list-style-type: none"> ▪ Oral questions ▪ Observation ▪ Assignments ▪ Self and peer assessment 	
	2		Appreciating the Importance of Materials	By the end of the lesson, the learner should be able to: a. Explain the importance of materials in production processes. b. Create and deliver presentations on the role of materials in production. c. Respect ethical and informed material usage in production.	How are materials used sustainably?	The learner is guided to: ▪ discuss and make a presentation on the importance of materials used in production.	<ul style="list-style-type: none"> ▪ Business Studies handbook ▪ Photographs and pictures ▪ Charts <i>MTP BST G7 T.G pg. 80-86</i> <i>MTP BST G7 P.b pg. 75-77</i>	<ul style="list-style-type: none"> ▪ Oral questions ▪ Observation ▪ Assignments ▪ Self and peer assessment 	
	3	Metallic materials	Introduction to Metallic Materials	By the end of the lesson, the learner should be able to: a. Define metallic materials and their significance in production b. Use print or digital media to search for examples of metallic materials. c. Appreciate the importance of metallic materials in everyday production processes.	How are metallic materials used in day-to-day life?	The learner is guided to: ▪ use print or digital media to search for information on metallic materials,	<ul style="list-style-type: none"> ▪ Metals, ▪ Non-metals ▪ Career brochures, career magazines ▪ Digital devices <i>KLB Top Scholar Pretech</i> <i>Grd 7 T.G Pg. 36-41</i> <i>KLB Top Scholar Pretech</i> <i>Grd 7 P.B Pg. 44-50</i>	<ul style="list-style-type: none"> ▪ Question and Answer ▪ Observation ▪ Checklist ▪ Written test ▪ Rubrics ▪ Project 	