EaD :0248043888

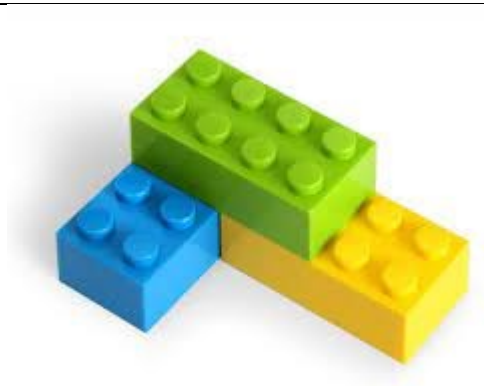
NAME OF TEACHER: ..... **WEEK ENDING...12-05-2023.....**

NUMBER ON ROLL: ..... **SUBJECT... PRE-TECHNICAL SKILLS**

DURATION: ..... **REFERENCE...SYLLABUS(CRDD,2007),PRE-TECH FOR JHS .....**

FORM.....BASIC 9..... **WEEK.....6.....**

DAY/DURATION	***TOPIC/SUB-TOPIC/ASPECT***	***OBJECTIVES/R.P.K***	***TEACHER-LEARNER ACTIVITIES***	**T/L MATERIALS**	**CORE POINTS**	**EVALUATION AND REMARKS**
TUESDAY **09-05-2023**	**Topic;** Plastics **Sub-Topic;** Kinds of Thermoplastics.	By the end of the lesson the Pupil will be able to; i. Explain the meaning of thermoplastics. ii. Identify 3 types of thermoplastics and their examples. iii. Describe 5 uses of thermoplastics. **RPK** Pupils have been using polyethene bags.	**Introduction;** Show pictures of different kinds of thermoplastics to the Pupils. **Activities;** 1. Discuss the meaning of thermoplastics with the Pupils. 2. Pupils brainstorm to identify 3 types of thermoplastics. 3. Assist Pupils to mention 5 examples each of the	Electric Iron, Rope, Electrical switches, garden hose, Pictures, Poster.	**Thermoplastics;** A thermoplastic, or thermosoft plastic, is any plastic polymer material that becomes pliable or moldable at a certain elevated temperature and solidifies upon cooling. Most thermoplastics have a high molecular weight. 	**Exercise;** 1. What is a Thermoplastic? 2. State 3 types of thermoplastics and their examples.

			types of thermoplastics. 4. Pupils in small groups are to discuss and report to the class on the uses of thermoplastics. **Closure;** Assist Pupils to role play on the uses of thermoplastics.		 **Types of Thermoplastics;** ○ Polypropylene ○ Polyethylene ○ Polyvinylchloride ○ Polystyrene ○ polyethylenetheraphthalate ○ polycarbonate. **Examples;** ▪ Polyethylene ▪ Polypropylene ▪ polyvinyl chloride ▪ polystyrene ▪ Polybenzimidazole ▪ Acrylic ▪ Nylon ▪ Teflon.	

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<tr>
<td>THURSDAY

11-05-2023</td>
<td>Topic;

Sub-Topic;

Difference between Thermosetting and Thermoplastic.</td>
<td>Objectives;
By the end of the lesson the Pupil will be able to;

differentiate between thermosetting and thermoplastic materials

RPK
Pupils can identify examples of thermosetting and thermoplastic materials.</td>
<td>Introduction;
Review Pupils knowledge on the previous lesson.

Activities;
1. Discuss the distinguishing properties of both thermosetting and thermoplastic materials.
2. Assist Pupils to differentiate between thermosetting and thermoplastics.

Closure;
Through questions and answers, conclude the lesson.</td>
<td></td>
<td>Difference between thermosetting and thermoplastic;
<table>
<tr><th>Thermosetting plastic</th><th>Thermoplastic</th></tr>
<tr><td>▪ Thermosetting plastic cannot be softened by heating. Thus, it cannot be reshaped once moulded.
▪ Thermosetting Plastics cannot be bent easily. It may break when forced to bend.</td><td>▪ Thermoplastic can be softened easily by heating. Thus, it can be reshaped.
▪ Thermoplastics can be bent easily.</td></tr>
</table></td>
<td>Exercise;
Tabulate 3 differences between thermosetting and thermoplastic.</td>
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Name of Teacher: ***School:*** ***District:***