

**COMPETENCE BASED CURRICULUM**

**THE STANDARD MEASURE SERIES 1**

**GRADE 8 TERM 1 OPENER (ENTRY) EXAM 2024**

 JUNIOR SCHOOL

PRE-TECHNICAL STUDIES

**SCHOOL: ......................... ………………………………....................................................................................**

**NAME……………………………………………………………………………..………………………………**

Answer all questions in the spaces provided below

1. Mention four Examples of Hazards to personal safety.
2. ……………………………………………………………………………….
3. ……………………………………………………………………………….
4. ……………………………………………………………………………….
5. ………………………………………………………………………………..
6. What are some of the ways used to handle tools and equipment safely while performing tasks in the locality?
7. ………………………………………………………………………………………………………………………………..
8. ………………………………………………………………………………………………………………………………..
9. ………………………………………………………………………………………………………………………………..
10. What are some of the common types of injuries that occurs in the locality?
11. ……………………………………………..
12. ……………………………………………..
13. ……………………………………………....
14. ………………………………………………
15. *What are the Causes of injuries in the locality?*
16. ………………………………………………………………………………………………………….
17. …………………………………………………………………………………………………………
18. ………………………………………………………………………………………………………….
19. ……………………………………………………………………………………………………………
20. State the Items Contained in A First Aid Kit.
21. ………………………………………………………….
22. ………………………………………………………..
23. ………………………………………………………....
24. …………………………………………………………
25. What are the Uses of the Items in First Aid Kit?

|  |  |  |
| --- | --- | --- |
| 6 | First aid manual |  |
| 7 | Notepad and pen |  |
| 8 | Saline |  |
| 9 | Scissors |  |
| 10 | Thermometer |  |
| 11 | Triangular bandage |  |

1. Describe the Procedure of Administering First Aid for Fracture.
2. …………………………………………………………………………………………………………………..
3. …………………………………………………………………………………………………………………..
4. ………………………………………………………………………………………………………………….
5. …………………………………………………………………………………………………………………
6. …………………………………………………………………………………………………………………
7. …………………………………………………………………………………………………………………
8. What is the Importance of Safety in everyday Life?
9. ……………………………………………………………………………
10. ……………………………………………………………………………
11. …………………………………………………………………………….
12. Distinguish between metallic and Non-metallic materials.

|  |  |
| --- | --- |
| Metallic materials | Non-metallic materials |
|  |  |
|  |  |
|  |  |
|  |  |

1. Describe Physical properties of materials.
   1. ……………………………………………………………………………………………………………
   2. ……………………………………………………………………………………………………………
   3. …………………………………………………………………………………………………………….
2. Distinguish between synthetic and natural non-metallic materials

|  |  |  |
| --- | --- | --- |
|  | Natural non-metallic materials | Synthetic non-metallic materials |
| 1 |  |  |
| 2 |  |  |

1. State the Physical properties of non-metallic materials.

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

1. State the Uses of Non-metallic material.

|  |  |
| --- | --- |
| Material | Uses |
|  |  |
|  |  |
|  |  |

* + 40. Identify the following household tools

|  |  |  |
| --- | --- | --- |
|  | House hold tool | photograph |
| 1 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |

1

1. Categorize Household hand tool according to their uses.
   1. …………………………………………………………………………………………………………………………
   2. …………………………………………………………………………………………………………………………
   3. …………………………………………………………………………………….…………………………………..
   4. …………………………………………..…..………………………………………………………………………….
2. Give example of tools in each category

|  |  |  |
| --- | --- | --- |
|  | Category | Example of tools |
| 1 | Measuring tools |  |
| 2 | Marking tool |  |
| 3 | Cutting tools. |  |
| 4 | Boring tools |  |
| 5 | Driving tools. |  |
| 6 | Holding tools |  |
| 7 | Cleaning tools |  |
| 8 | Scooping tools |  |

1. State the Specific uses of some household tools.
2. ……………………………………………………………………………………………………………………
3. …………………………………………………………………………………………………………………..
4. …………………………………………………………………………………………………………………..
5. Differentiate between Artistic and Technical Drawings based on the following features.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Feature | Technical drawings | Artistic drawing |  |
| 1 | Purpose |  |  |
| 2 | Presentation |  |  |
| 3 | Dimensioning and precision. |  |  |
| 4 | Emotions, feelings and sentiments |  |  |

1. What are the Uses of artistic and technical drawings.

|  |  |  |
| --- | --- | --- |
|  | Uses of artistic drawings | Uses of technical drawings |
| a |  |  |
| b |  |  |

1. State the Importance of Drawing.
2. ……………………………………………………………………………………………………………
3. …………………………………………………………………………………………………………..
4. Mention some Drawing instruments and equipments used in technical drawing
5. ……………………………………………
6. ……………………………………………
7. …………………………………………..
8. State the Uses of the following drawing instruments and equipments

|  |  |
| --- | --- |
| Drawing instrument or  equipment | USE |
| Pencils |  |
| Erasers |  |
| Pens |  |
| Templates |  |

1. State types of lines used in technical drawing
2. ……………………………………………
3. ………………………………………………
4. ………………………………………………
5. ……………………………………………….
6. Mention the Forms of energy.
7. *………………………………………………..*
8. *……………………………………………….*
9. *……………………………………………….*
10. State whether the forms of energy below are either kinetic or potential.
11. Mechanical energy*- ……………………………………………………..*
12. Electrical energy *-……………………………………………………….*
13. Heat energy *-………………………………………………………………*
14. Chemical energy*- ………………………………………………………*
15. State the Uses of the different forms of energy in different sectors.

a.) Domestic.

* ……………………………………………………………………………………………………………..

b.) Transportation.

* ……………………………………………………………………………………………………………..

c.) Commercial.

* …………………………………………………………………………………………………………….

d.) Industrial.

* ……………………………………………………………………………………………………………..

1. What is the Role of Energy?
2. …………………………………………………………………………………………………………….
3. …………………………………………………………………………………………………………….
4. State the Careers that require the use of energy.

|  |  |
| --- | --- |
| career | Use of energy |
|  |  |
|  |  |
|  |  |