





Grade 8

PRE-TECNICAL

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

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

**TIME 1hr**

1. Mention Care and maintenance of drawing instruments and equipments
2. ……………………………………………………………………………………………………………………….
3. ………………………………………………………………………………………………………………………..
4. ……………………………………………………………………………………………………………………….
5. ………………………………………………………………………………………………………………………
6. What are the Uses of drawing instruments and equipments in various careers

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1. Mention the following types of lines used in free hand sketching

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| --- | --- | --- | --- | --- |
| Type of line |  | | | |
|  |  | | | |
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|  | ......................................................................................... | | | |

1. What is energy?

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1. Mention some uses of Energy.
2. …………………………………………………………………………………………………
3. ………………………………………………………………………………………………...
4. State Sources of Energy in your locality
   1. ………………………………...
   2. ………………………………….
   3. ……………………………………

1. Mention some of the Renewable sources of energy.
2. *………………………………………………………………………………………………………*
3. *………………………………………………………………………………………………………*
4. *……………………………………………………………………………………………………….*
5. Name Non-renewable sources of energy.
6. *…………………………………….*
7. *…………………………………….*
8. *…………………………………….*
9. Mention Advantage and disadvantages of Renewable energy in the table below

|  |  |  |  |
| --- | --- | --- | --- |
|  | Advantages | Disadvantages | |
| 1 |  | |  |
| 2 |  | |  |
| 3 |  | |  |
| 4 |  | |  |

1. State Advantage and disadvantages of Non-renewable energy

|  |  |  |
| --- | --- | --- |
|  | Advantages | Disadvantages |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

1. Mention Careers related to sources of energy.
2. ………………………………….
3. …………………………………
4. …………………………………
5. State the Importance of Energy.
6. ………………………………………………………………………………………………….
7. ………………………………………………………………………………………………….
8. ………………………………………………………………………………………………….
9. Mention the Forms of energy.
   1. ……………………………………………………………………………………………

…………………………………………………………………………………………

1. State whether the forms of energy below are either kinetic or potential.
2. Mechanical energy*- …………………………………………….*
3. Electrical energy *……………………………………………….*
4. Heat energy *-…………………………………………………..*
5. Chemical energy*- …………………………………………….*
6. Wind energy*- …………………………………………………*
7. Sound energy*- …………………………………………………*
8. Light energy*- ……………………………………………………..*
9. 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?

* …………………………………………………………………………………………………

1. State the Careers that require the use of energy.

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