

Self-study sheet 04

Topic – Simple machines

Lesson – Machines

After study this lesson you,

- * State the example for instance where simple machines are used.
- * State lever, inclined plane, pulley and wheel and axle are examples for simple machines.

Read the page 84 several times.

According to that,

1. Draw figure 15.1 and named it.
2. Do activity according to figure 15.2 and 3rd paragraph of page 84.
 - a) Lifting the piece of metal by using Newton balance and get readings.
Then place the piece of metal on the inclined plane and get reading according to 15.2 picture. Observe the differences of above two readings.

Read page 85.

- Draw figure 15.3 and name it.
- After that read 2nd and 3rd paragraph of page 85.
- Draw figure 15.4 and name it.
- Then read 4th paragraph. Draw figure 15.5 and name it.

After that,

- 1) Define simple machines.
- 2) List out four type of simple machines. state two examples for each of them.

For extra knowledge,

- * Collect information about simple machines using newspapers.