

**Second Semester of the Academic Year 1447-2025**

**Worksheet 14**

<b>Level</b>	<b>Primary</b>	<b>Name</b>	
<b>Subject</b>	<b>Science</b>	<b>Class</b>	<b>Grade 5</b>

 *Choose the correct answer from the options below: a, b, c or d:*

**1. What is a simple machine?**

- A) A tool that makes work harder  
B) A type of energy  
C) A tool that makes work easier  
D) A heavy object

**2. What is the effort force ( $F_e$ )?**

- A) The force produced by the machine  
B) The force you apply  
C) The weight of the object  
D) The speed of the object

**3. Which of the following is a first-class lever?**

- A) Wheelbarrow  
B) Fishing rod  
C) Seesaw  
D) Ramp

**4. Which simple machine is a ramp?**

- A) Lever  
B) Inclined plane  
C) Screw  
D) Wedge

**5. Which tool is an example of a wedge?**

- A) Knife  
B) Door knob  
C) Seesaw  
D) Screw

## 6. What does a wheel and axle do?

- A) Changes color
- B) Makes objects smaller
- C) Increases force or speed
- D) Stops movement

## 7. Which of the following is a screw?

- A) Axe
- B) Jar lid
- C) Ramp
- D) Rope

## 8. What is a compound machine?


- A) One simple machine
- B) Two or more simple machines together
- C) A broken machine
- D) A small tool

## Fill in the Blanks

( easier - effort - fulcrum - inclined – wedge )

 A simple machine makes work \_\_\_\_\_.

 The force you apply is called \_\_\_\_\_ force (Fe).

 A lever has a fixed point called the \_\_\_\_\_.

 A ramp is also called an \_\_\_\_\_ plane.

 A \_\_\_\_\_ is used for cutting (like a knife).

