

### Title of Experiment: The Inclined Plane

**Objectives:** Explain how an inclined plane is either useful, reduces and helps describe other "The inclined plane" and a ramp. What is the relationship between the weight of the object and the weight of the load?

**Question:** What is the inclined plane? Why is it used? How does it help in lifting up a heavy weight?

**Materials:** What do you think will happen? (inclined plane, weight, pulley, string)

**Method:** The inclined plane is used to lift a heavy load, with a pulley system.

**Procedure:** How do you think it will work?

1. Lay the object on the inclined plane and see how it moves. Record the weight of the object.
2. Lay the object on a pulley system and see how it moves.
3. Record the weight of the object and the weight of the object on the pulley system. Record the weight of the object on the pulley system.
4. Record the weight of the object on the pulley system and the weight of the object on the pulley system.

**Results:** What actually happened?

1. What was the weight of the object?

2. How did the pulley system work?

**Conclusion:** What did you learn?

1. The inclined plane helps in lifting the heavy load.
2. The inclined plane helps in lifting the heavy load.
3. How did the pulley system work?

**Discussion:** How do you think the inclined plane works? How does it help in lifting up a heavy weight?

There is a relationship between the weight of the object and the weight of the load. The weight of the object is equal to the weight of the load. The weight of the object is equal to the weight of the load. The weight of the object is equal to the weight of the load.