

Force, Mass Motion & Simple Machines and Effects of Gravity

Learning Targets

- I can identify and describe the effect of balanced forces on an object.
- I can identify and describe the effect of unbalanced forces on an object.
- I can plan an investigation on the effects of balanced forces.
- I can plan an investigation on the effects of unbalanced forces.
- I can carry out an investigation on the effects of balanced forces.
- I can plan an investigation on the effects of unbalanced forces.
- I can communicate (verbally and in writing) the results of my investigation.
- I can identify and describe the effects of gravitational forces on an object.
- I can support the claim that gravitational forces affect the motion of an object with evidence and reasoning.
- I can identify and describe the six simple machines.
- I can explain the uses of the six simple machines.
- I can explain how forces are changed when simple machines are used to complete tasks.
- I can develop and ask questions that will help me gather information on how simple machines can make work easier.