

Grade 4.

Science and Technology.

5. Force and Energy.

5.1 Force.

A force is a push or a pull.

5.1.1 Effects of Force.

Cause motion. Force can make a stationary object to start moving. E.g., kicking a stationary ball will cause the ball to start moving.

Change in motion. Force can cause an object to move in a different direction to the one it was moving before.

Acceleration. Force can make a slow-moving object to move faster.

Distortion. Force can cause the shape of an object to change or be distorted. E.g., when plasticine is pulled it stretches

Force can slow down or stop a moving object. E.g., pulling a moving person can make him/her to slow down or stop.