
Force

A push or pull
on an object

Motion

A change in
position

Push

A force that
moves an object
away

Pull

A force that
moves an object
toward

Object

A thing that
can be seen and
touched

Direction

The way something
moves or faces

Cause

To make
something happen

Effect

What happens
because of a cause

Position

Where an object is
in relation to
something

Balance

Of equal
amounts

Effort

How much work is
put into something

Prediction

What someone
thinks will happen

Strength

The amount of
force

Unbalanced

Not equal
amounts

Weight

The heaviness of
an object

Equal

The same on both
sides

Distance

The amount of space
between two points
-how far-

Speed

How long it takes
an object to move
a certain distance

Fast

Moving quickly

Slow

Not quick

Strong

A great force
(powerful)

Weak

Only a small
force

Ramp

A flat surface
with one end higher
than the other

Data

Information
collected for
analysis

Collide

When two objects
crash into each
other

Massive

A large amount

Strengths

What works well
-design-

Weaknesses

What doesn't
work as well
-design-

Designed

Planned and created
for a
particular purpose

Evaluate

To judge the
quality

Evidence

A sign which
shows that
something exists

Analyze

Examine
something
carefully