

CONCEPT DIAGRAM

3 Key Words

Balance
Unbalanced
Force
Net force
Gravity
Mass
Vector
Moving car

- 1 CONVEY CONCEPT
- 2 OFFER OVERALL CONCEPT
- 3 NOTE KEY WORDS
- 4 CLASSIFY CHARACTERISTICS

Force

1

Motion

2

Always Present

mass

Acceleration (change in speed)

direction

Sometimes Present

movement

balanced

unbalanced

Never Present

Temperature

Time

- 5 EXPLORE EXAMPLES

Examples:

Gravity

Pushing

Pulling

Friction

jumping
weight
magnetism

Nonexamples:

light

30 kg bricks

Density

Volume

- 6 PRACTICE WITH NEW EXAMPLE

- 7 TIE DOWN A DEFINITION

Force causes motion by accelerating mass in a direction.