

Year 5 - Introduction to Forces

Challenge 1: Fill in the blanks using the words from the box below:

| | | | | |
|---------|---------|------------------|----------|----------|
| pulling | gravity | pushes and pulls | buoyancy | friction |
|---------|---------|------------------|----------|----------|

1. Forces are referred to as _____.
2. Gravity is a _____ force is exerted by Earth.
3. _____ is the force (upthrust) created by a volume of water.
4. _____ is a directly applied force that slows or stops motion when things rub together.
5. The force that keeps planets in orbit is called _____.

Challenge 2: Identify the forces in the following pictures.

| | | | | |
|---------|------|----------------|----------|------|
| gravity | pull | air resistance | buoyancy | push |
|---------|------|----------------|----------|------|


