

## Flight Lesson 6 What is a Force?

When an object moves an invisible force is acting on the object. There are three force groups; push, pull and collision.

These forces can;

Start an object moving.

Stop an object moving.

Make an object speed up.

Make an object slow down.

Change the direction of an object.

Change the shape of an object.

Using the pictures attached online, decide whether each picture shows a push, a pull or a collision force.

| Picture         | Force |
|-----------------|-------|
| Car and caravan |       |
| Rugby scrum     |       |
| Wheelbarrow     |       |
| Crane           |       |
| Rocket          |       |
| Hammer          |       |
| Formula 1 car   |       |
| Tug of war      |       |
| Football kick   |       |
| Skiing          |       |
| Coke can        |       |
| Tennis          |       |
| Van and car     |       |
| Tree            |       |