**Quiz 1: Forces (w/c 18.05.20) Name:**

1. What is a *force*?

A push or pull (in a particular direction)

1. What happens to an object if forces are *balanced*?

It won’t change its motion. If it was still, it will stay still. If it was moving, it will continue moving at the same speed, in the same direction.

1. What can *unbalanced* forces do to an object?

They can make an object start to move, speed up, slow down or change direction.

1. What *unit of measure* do we use to measure forces?

Newton

1. What kind of a force is *gravity*?

A pulling force (exerted by the Earth)

1. Why is gravity important?

It keeps us weighted to, or touching, the ground and stops us from floating off.

1. Which has the largest gravitational pull – the Moon, Jupiter or Earth? Explain why.

Jupiter – because it has the biggest mass.

1. Did you find any of this quiz difficult? If so, which part? Try to explain why (so I can help you).