

Unit 7 – Forces - Check List

Check your learning ! Can you do all the things on the list below ?

I can:

- ☐ state that a force is anything that causes an object to move or change its direction, speed or shape.
- ☐ use newtons (N) as a unit of force.
- ☐ give examples of forces such as: push, pull, twist, weight, friction, electric and magnetic.
- ☐ measure forces using a newtonmeter.
- ☐ state Hooke's Law: the extension of a spring is in direct proportion to the force applied to it.
- ☐ describe, with a labeled diagram, the experiment to prove Hooke's Law.
- ☐ understand that friction is a force that prevents easy movement between two objects in contact.
- ☐ investigate ways of reducing or increasing the force of friction between two objects.
- ☐ state examples of lubricants and know that they are used to reduce friction.