Year 3– Forces (Physics)

Factual Knowledge

- Forces are pushes or pulls.
- A contact force is a push or a pull that affects objects which are touching.
- Friction is a contact force that is caused by one object being pushed across the surface of another.
- Friction can stop or slow down a moving object.
- Smooth surfaces, such as ice, wood, and plastic, have lower levels of friction.
- Rough surfaces, such as concrete, sand and carpet, have higher levels of friction.

Important vocabulary I will know

push		to apply a force to try and move an object away
pull		to apply a force to try and move an object closer
force		a push or pull
contact force		a push or a pull that affects objects which are touching
friction		a contact force that is caused by one object being pushed across the surface of another
data		information collected, such as facts, information or numbers

Scientific Enquiry– Pattern Seeking

Enquiry question: How does the material on the ramp affect the distance a car travels?

Working Scientifically

- Make observations
- Plan
- Answer questions and make conclusions









