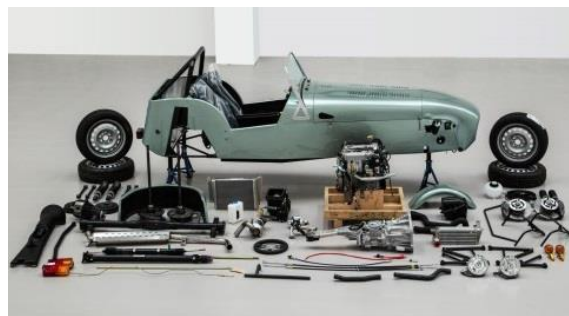


Science Topic: Uses of Everyday Materials

Year 2 Summer 1



Prior Learning

In Year 1, we learnt to identify and name some different materials and found out where we might see them. We learnt some vocabulary to describe the different properties of materials and thought about how they were suited for particular jobs.

What? (Key vocabulary)

Friction	The force between two surfaces or objects that are moving across each other.
Surface	The outside or top layer of an object.
Suitability	How right an object or material is for a particular job.
Conductor	A material that allows heat or electricity to pass through it easily.
Movement	The act of moving around or being moved around.
Deformation	The act of changing or altering the shape of something.
Stretch	When an object is pulled outwards in different directions.
Twist	When an object can be wound around itself.
Flexible	When an object can be folded or twisted easily.
Rigid	When an object can't be bent, squashed or squeezed into different shapes.

Who? (Significant people)

John Boyd Dunlop	Discovered that rubber tyres created less friction when filled with air.
Dr. Santo Padula II	Studies how to make metal tyres with elasticity for use for vehicles to travel around other planets.