

Goonhavern Primary School- Science

TOPIC: Forces

YEAR: 2

STRAND: Physics

• What should I know already?	What will I know by the end of the unit?	
<ul style="list-style-type: none"> The shape of some materials can be changed when they are stretched, twisted, bent and squashed. Know how different toys move. 	How do objects move?	<ul style="list-style-type: none"> Objects move when they are pushed, pulled or twisted. These are all forces. A push or pull can move an object, start to move, or stop it from moving. A push or pull can make an object speed up or slow down. A push or pull can make an object change direction. A push can squash some materials, and a pull can stretch some materials.
	What are examples of pulling forces?	<ul style="list-style-type: none"> Rowing a boat Tug of war Archery Opening a drawer
	What are examples of pushing forces?	<ul style="list-style-type: none"> Running Pushing a door closed Plating tennis Pushing a trolley

Vocabulary

Bendy	Is easily bent into a curved shape
Force	The pulling or pushing effect that something has on something else
Position	The place where they are in relation to other things
Pull	Holding something firmly and use force to move something towards you or away from its previous position
Push	Using force to make something move away from you or away from its previous position
Squash	Pressed or crushed with such force that something loses shape
Stretchy	Slightly elastic
Twist	Turns something into a spiral shape

