

Willerby Carr Lane Primary School – Design and Technology

Topic:

Year: EYFS

Strand: Mechanisms

What should I already know?

- Toys can move
- There are different types of toys

What will I know / be able to do by the end of the unit?

How is the toy moving?	<ul style="list-style-type: none"> • The toys need an action from us to make them work • The 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
What is making the moving part of the toy move?	<ul style="list-style-type: none"> • Pushing and pulling can make things move. • Actions to make toys also move include winding up, pulling back friction toys, pressing or squeezing-pneumatics, using magnets to move things.

Vocabulary

air	
direction	the line along which something moves
forces	a strength that causes something to move
predict	to say what you think will happen
press	to put weight or force on something or to squeeze something
pull	to hold something and make it come towards you or to move something along behind you
push	to make a thing go away from you by using a force
slow	to not move quickly
speed	to go quickly or slowly
squeeze	to press something from opposite sides
start	to begin something
stop	to end something
test	to carry out an experiment in order to discover something
wind up	to make something work by tightening its spring



Key Design Decisions & Skills
<ul style="list-style-type: none">• Know how some simple toys move• Make toys work by pressing parts or applying force

Tools and Resources
<ul style="list-style-type: none">• Selection of moving toys