



DT – Year 1 Spring 2 Mechanical Systems

Vocabulary

Tier 1	Tier 2	Tier 3
push	mechanism	pivot
pull	direction	pulley
move	levers	components
wheel	rotate	structures

Health and Safety

Scissors

Hold scissors safely: blades closed, hand around the blade, always walk when carrying scissors.

Glue gun

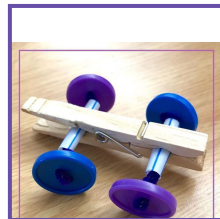
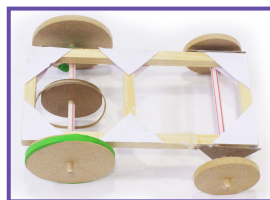
Allow time for the glue to cool for before holding the cup and ball. Always work with an adult when you are using the glue gun.

Key Knowledge

- A mechanism is a system of parts working together in order to create a movement or series of movements.

Key Skills

- Cutting
- Joining
- Assembling
- Key Questions



Key Questions

- Who is my product for? What will they like?
- What is a mechanism?
- How does a mechanism work?
- Where might I see mechanisms being used?
- Can a product have more than one mechanism?
- Why is this mechanism not working?



Research



Design



Make



Evaluate

