



Design & Technology Knowledge Organiser Autumn Term

Vocabulary:

Design - A plan before something is made.

Mock-up - A model of a product to experiment.

Evaluate - Think what worked well/what didn't work well with a product.

Axle - a rod that enables a wheel to rotate. The wheel can rotate freely on the axle or be fixed to, and turn with, the axle.

Axle holder - the component through which an axle fits and rotates.

Chassis - the frame or base on which a vehicle is built. Friction - resistance which is encountered when two things rub together.

Dowel - wooden rods used for making axles to hold wheels.

What I will learn about:

How to complete a design and technology project.

-How to make products strong, stable and stiff.

-How to select and use a range of tools to perform practical tasks.

How can you make something stronger?

How can you improve a product?

Does the wheel rotate freely or is it fixed?



wheel



axle



design



evaluate



product



dowel



mock-up



chassis