

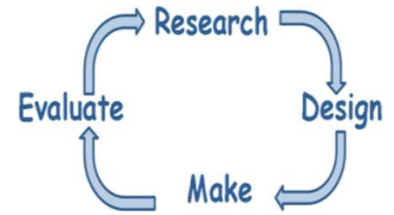


Design Technology

Year 2 - Summer 1



Wheels and axles and free-standing structures



You will learn...

- Generate ideas for design
- Research and come up with ideas to make a vehicle
- Research existing vehicles
- To design a vehicle
- To design a free-standing structure
- Make a vehicle and a free-standing structure
- To evaluate made product

Design

- Come up with a range of ideas linked to the brief
- Talk about my ideas saying why this will be suitable
- Make simple drawings and label parts

Make



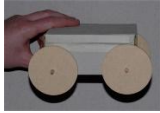



- Use utensils to make my product
- Use utensils safely to cut
- Use finishing touches to make my product appealing
- Make a free-standing structure out of suitable materials

Evaluate

- Using my senses to evaluate
- Evaluate against my design criteria



Vocabulary you will learn throughout this unit...

Vocabulary	Definition
make	Create by putting parts together.
strong	Able to hold pressure, force, and structure
cut 	Using a knife or scissors you can cut different shapes or pieces out.
weak	Not being able to hold pressure, force, and structure
Evaluating 	Assessing how well your product matches its criteria. Discuss the positives and the negatives.
surface	The exterior layer
Wheel 	Enables something to move.
design 	Drawing and labelling your ideas of what to make.
joining 	Connecting 2 pieces of material together.
decorate	To make something look better/ change the appearance by adding extra item.
Axle 	A rod on which one or more wheels can rotate.