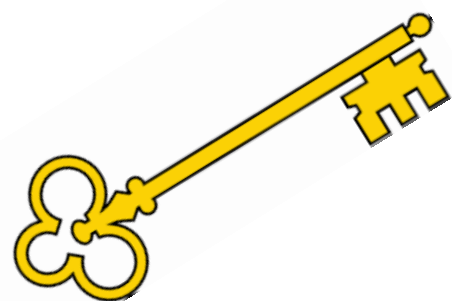




Our Learning Keys

Making Skills: Wheely Good Vehicles!

Design Technology

Year 2

Autumn 2

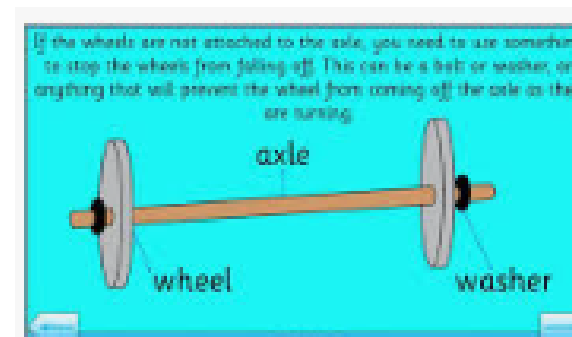
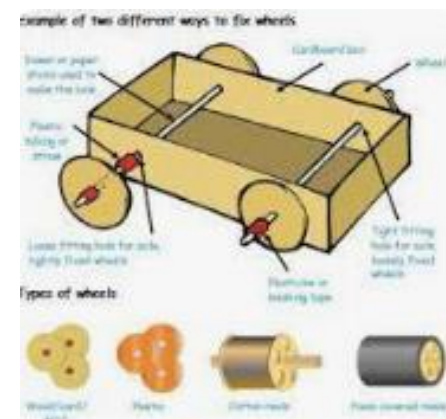


Questions

- How have vehicle design changed through time?
- What joining techniques will you use to make your vehicle move?
- What materials will you use to make your vehicle?



Images



Links

- Literacy: Can we use illustrations, photos and drawings in books to inspire our designs?
- Maths: How can we use shape and measures to make our vehicles accurately?
- History: How have vehicles changed and developed through time?



Vocabulary

design	Your ideas - usually drawn
evaluate	To look at your make and see what you think - can it be improved?
structure	The product you have made
joining	How you have fixed things together
materials	What you have made your structure from
components	The parts of your structure
axles	The bar that the wheels attach to that lets them spin



Skills

- Design** - Design purposeful, functional, appealing products for themselves and other users
- Make** - Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]. Select from and use a wide range of materials and components,
- Evaluate** - Explore and evaluate a range of existing products. Evaluate their ideas and products against design criteria.
- Technical Knowledge** - Build structures, exploring how they can be made stronger, stiffer and more stable.

MAKE SKILLS

Tools - scissors, handheld hole punches, pencils to make holes, moving mechanisms (wheels).
 Joining - glue, tape, paper clips, split pins,
 Technical - Wheels and Axles - The vehicle must use wheels to move. (cardboard, paper, dawning, wheels, glue, string, foil, plastic, recyclable materials).

Previously...

In Year 1 we used a variety of materials and simple joining techniques to create a structure. We are able to evaluate our designs and say what works well and what could improve.

Year 2

Autumn Term
Making Skills

Next...

In Year 3 we will begin to use more tools and a greater variety of materials. We will use more technical language to describe our designs and products.

Doors this will open...

Designer

Engineer

Teacher

Mechanic

Joiner

Carpenter

Creator