

# Design and Technology

Please help your child with their learning by going through this fact sheet with them. They will be quizzed on this at the end of half term. We appreciate your support.

When cutting wood in school we will use a junior hacksaw.

We will join two pieces of wood together with a jinx corner.

To adhere the paint to plastic we will cover it in masking tape.

We will be learning about jet planes and planes with two wings, one above the other called a biplane.

Wheeled vehicles have a chassis to hold the axles in place.

Some axles are free spinning and the wheels are fixed but other axles are fixed and the wheels are free spinning.

The axle is a rod that passes through the wheels on a vehicle.



## WEMBITES

When we plan our Design and Technology work we will be creating a design criteria which is the goals for our project.

When measuring where to cut the wood we will use a ruler and measure in centimetres (cm).

The propeller on a biplane is visible but you cannot see them on jet planes very easily.

### Key Vocabulary

- ⇒ **Axle** - A shaft which the wheels are fixed onto.
- ⇒ **Chassis** - The frame of a vehicle, usually including the wheels and engine, onto which a metal covering can be fixed.
- ⇒ **Propeller** - Blades that rotate and propel a vehicle forward.
- ⇒ **Jinx Corner** - Something that joins two or more pieces of wood together giving the structure strength.
- ⇒ **Adhere** - To stay attached / to stick to.