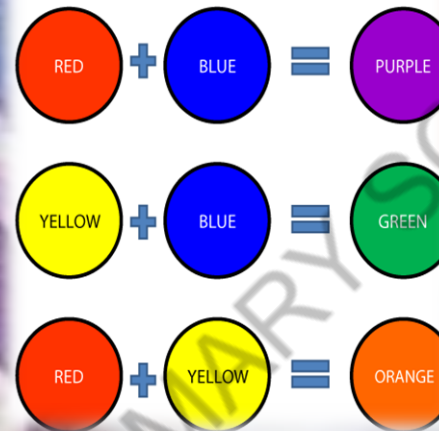


# Sail Away Year 2 - Art/DT Knowledge Organiser

## Color Mixing Chart



### What will I learn by the end of this topic?

- I will understand how wheels move
- I can identify what stops wheels from turning
- I can design a moving vehicle
- I can build a moving boat
- I can use the textile technique batik to create a flag

### Batik!

Batik is a traditional technique of dyeing fabric, commonly practiced in Indonesia and other Southeast Asian countries, where intricate patterns are created using wax-resist dyeing methods. The wax is applied to the fabric in specific areas to prevent dyes from penetrating, resulting in unique and vibrant designs. Watch this video to find out more!

<https://youtu.be/2UWgHi4Yh5M?feature=shared>

## Vocabulary

### Batik



Batik is a traditional fabric art form that involves using wax and dyes to create intricate designs on fabric.

### Pattern



A pattern is a repetitive arrangement of elements or designs that create a sense of visual organization or decorative style.

### Axle



An axle is a rod or shaft on which a wheel or pair of wheels rotate, providing support and allowing for movement or rotation.

### Chassis



The body of a car

### Design

To make, draw or write plans for something

### Dowel



A dowel is a rod, used to join two or more pieces of material together.

### Wheel

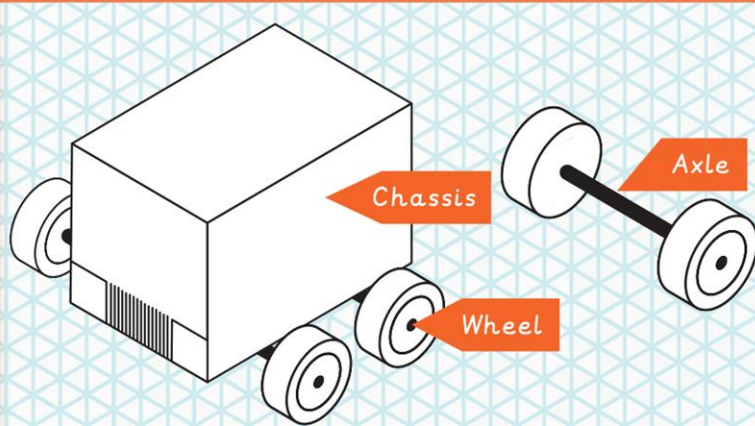


A wheel is a circular device that rotates on an axle and enables smooth movement or transportation by reducing friction and supporting the weight of a vehicle or object.

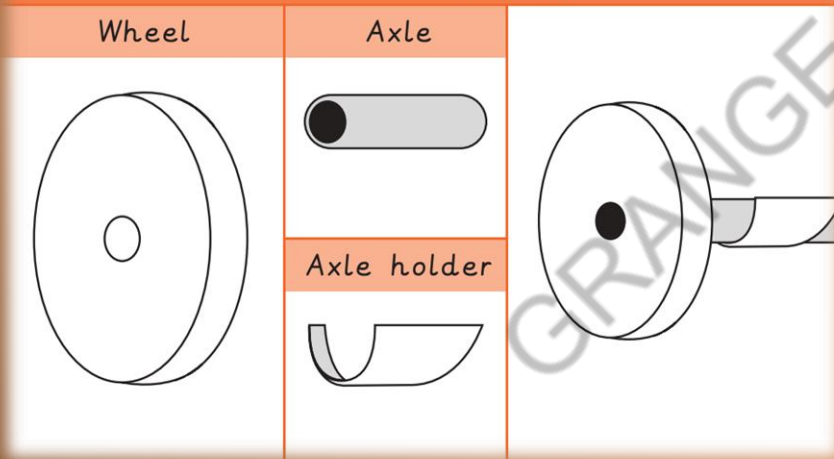
# Sail Away Year 2 - Art/DT Knowledge Organiser

How do wheels move?

The wheels need to be round and balance the body of the vehicle.



The wheels need to be attached to an axle. The axle needs to fit inside the axle holder but must not be attached to the axle holder otherwise the wheels will not turn properly.



Wheels are on many objects, not just vehicles.  
Have you seen any of these?



**Watch this video to find out more about wheels!**

<https://youtu.be/-iL3-eTwWBw?feature=shared>