# What is gyroscope used for?

A **gyroscope** is a device that uses Earth's gravity to help determine orientation. Its design consists of a freely-rotating disk called a rotor, mounted onto a spinning axis in the center of a larger and more stable wheel.

# How does a rocket work?

**Rockets work** by a scientific rule called Newton's third law of motion. ... The exhaust pushes the **rocket**, too. The **rocket** pushes the exhaust backward. The exhaust makes the **rocket** move forward.

Propulsion --Motor

How can a rocket fly? Where is it? ? Navigation

Where should it fly Guidance

How can it fly somewhere? Control

## What are the 4 main parts of a rocket?

The **four** crucial systems, or groupings of **parts, of a rocket** are as follows: the structural system, the payload system, the guidance system, and the propulsion system. The propulsion system takes up most of the space on a **rocket**.

## What technology is used in aerospace engineering?

**Aerospace engineers** may develop new **technologies** for use in aviation, defense systems, and spacecraft. They often specialize in areas such as aerodynamic fluid flow; structural design; guidance, navigation, and control; instrumentation and communication; robotics; and propulsion and combustion.