



*Spend some time in the fresh air,
meet new people who are happy to
pass on decades of skills in building
and flying model aircraft.*

*It's an amazing feeling and immense
pride to fly a model that you have
assembled or constructed.*

SCIENCE

Why does it fly?

- Air moving over the wings creates lift.
- The motor gives thrust to push it forward.
- Gravity pulls it down and drag slows it.



TECHNOLOGY

How do we control it?

- A radio transmitter sends commands.
- Servos move the rudder, elevator and ailerons.
- Batteries and motors provide the power.



ENGINEERING

How do we build it?

- We choose light but strong materials.
- We design, build and test the aircraft.
- If something does not work, we improve it!



MATHEMATICS

How do numbers help?

- We measure wings, angles and weight.
- We find the centre of gravity so it balances.
- We can calculate speed, distance and flight time.

How it all links together:

Science explains flight → Maths helps us measure → Engineering helps us build →
Technology lets us control it !