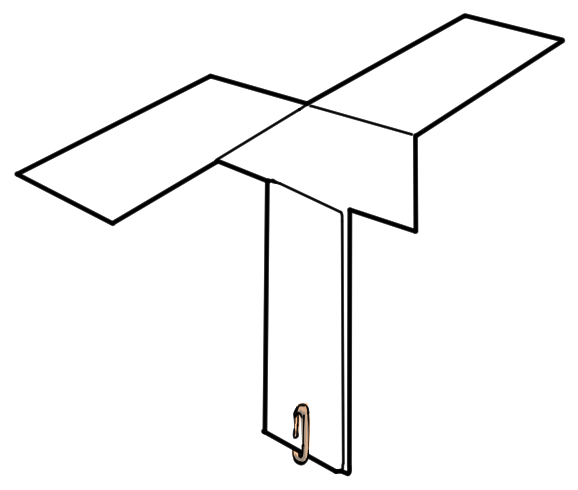
Practical activity ideas



**Fruit dissection and seed count**

# The resources you will need for this activity include: a variety of fruits (apple, tomato, kiwi, pepper), knives, gloves, seed tally sheet

**Activity:** Pupils dissect fruits and count seeds, linking fruit formation to fertilisation. They compare seed numbers and discuss dispersal strategies. Great for hands-on exploration of ovary-to-fruit transformation.

**Seed dispersal sorting challenge**

# The resources you will need for this activity include: seed images or real samples, dispersal method cards (wind, water, animal, explosion), sorting hoops

**Activity:** Pupils sort seeds by dispersal method and justify their choices. They explore adaptations like wings, hooks or juicy fruit. Encourages classification and reasoning.

**Helicopter seed dispersal investigation**

# The resources you will need for this activity include: paper helicopter templates (or plain paper to design their own), scissors, stopwatch or timer, ruler or metre stick, optional: paper clips (to add weight), coloured pens (to mark designs)

**Activity steps:**

1. **Design the seeds** Pupils create paper helicopter seeds, varying wing length, width, or adding small weights. These mimic wind-dispersed seeds like sycamore.
2. **Predict and plan** Pupils make predictions using prompts:
   * Will larger wings make the seed fall more slowly?
   * Will heavier seeds fall faster?
   * Which design will stay in the air longest?
3. **Test the drop** From a set height, pupils drop each seed and time how long it takes to reach the ground. Each design is tested multiple times for accuracy.
4. **Record and compare** Pupils record fall times, note how each seed spins or glides and compare results. They discuss which features helped slow descent and why.
5. **Reflect and explain** Pupils explain how wind dispersal works and why slow-falling seeds can travel further from the parent plant.

They link findings to real-world seed adaptations.

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