



Sustainability Activities for Roald Dahl Day





**1. Charlie and the Chocolate Factory
Activity: Fair Chocolate Taste Test**
Learners compare fair trade and non-fair-trade chocolate (blind taste test).
Discuss: Where does chocolate come from? What does “fair trade” mean?
Science link: food miles, food systems, and ethical choices.





2. Matilda

Activity: Paper Recycling Experiment

Reuse old scrap paper to make recycled paper in class.

Learners compare the texture and quality of recycled vs. new paper.

Science link: circular economy, reducing waste, conserving trees.





3. James and the Giant Peach Activity: Mini-Beast Biodiversity Hunt

**Outside, learners search for
insects under logs, leaves, or soil.**

**Record how many different
species they find.**

**Science link: importance of
insects in ecosystems,
biodiversity counts.**



4. The BFG

Activity: Snozzcumber Planting

Plant cucumber seeds (as “snozzcumbers”) in recycled pots. Learners test conditions: light vs. dark, water vs. no water, compost vs. soil.

Science link: plant growth, variables in experiments, sustainable growing.



5. Fantastic Mr Fox

Activity: Soil Layers in a Jar

Collect soil samples and shake them in a jar with water.

Watch as sand, silt, clay, and organic matter settle in layers.

Science link: healthy soil = sustainable farming and food production.



6. The Twits

Activity: Pollution in Water

Set up jars of clean water, then add pollutants (soil, oil, plastic pieces). Learners try to filter and clean the water using sand, paper, cloth, or charcoal.

Science link: pollution, water filtration, human impact on ecosystems.



7. George's Marvellous Medicine
Activity: Natural Dyes Investigation
Use red cabbage, turmeric, or beetroot to make natural colour changes.
Learners test pH changes using vinegar (acid) and baking soda (alkali).
Science link: chemistry of natural indicators, safe vs. harmful chemicals.

