

What does that grow into?



All pupils will: Grow some seeds and name some things plants need to live.

Most pupils will: Explain where much of Britain's food comes from and understand that choice was limited during the Second World War.

A few pupils will: Analyse the current problems of global warming with food miles and carbon emissions.

Pupil Activity	Learning outcome	Teacher input
Make a list of their top 3 favourite fruit and vegetables then mark where they are from on the map. Then mark others.	Understand that 75% of Britain's food is imported	Give out list of where food is from or better still have a selection of fruit and veg with the labels on
Calculate how many miles away 3 types of food come from	Atlas skills, measuring accurately and considering what food grows where	Help pupils to think about why food is grown in other countries eg sun, space
In groups sort seeds into families then try to match the family to the type of food	Classification and observation. See that food classified the same eg beans will all have similar seeds.	Mix up a variety of seeds in envelopes, beans, root vegetables and lettuces. Have vegetables available to guess at what they grow into.
Answer "what do living things need to grow" eg light, food, water	Consolidate known information. Test hypotheses.	Check answer and hand out plastic cups for planting
Using plastic cups, with compost or blotting paper plant cress seeds. Place in different variables and measure results on daily graph.	Test hypotheses and record findings on graph paper or using an Excel spread sheet	Use graph paper or Excel spread sheet model how to record daily growth of plant with/without light or water

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