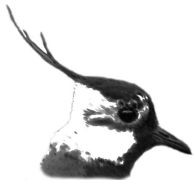

Grow your own! Follow-up activity

The Activity

Grow your own grass seed **experiment**

Aim: To find out in what conditions grass seed grows best. You will be investigating the importance of water, light and soil.

What to do:

1. Plan your experiment and ask your teacher to check your plan. Plan it so that:

    - Some pots have water, light and soil.
    - Some pots have water and soil but no light. (Put them in a dark place).
    - Some pots have soil and light but no water. (Don't water these pots).
    - Some pots have water and light but no soil. (Don't put soil in these pots).

2. Which pot is the 'control' pot? Why is it important to make your test fair?

3. When your teacher has approved your plan, carry out your experiment. Over the next 4 weeks record your observations of the growing plants, including the date the seeds begin to sprout, how tall the plants are and the colour of the plants.

4. Write up how you carried out your experiment and explain your results. What conclusions can you draw about the importance of water, light and soil?

My Plan

Activity 2: Detective work – Table of results

Farming conditions	Allotments	Pasture	Hay meadow
Description of land			
Temperature (oC)			
Height (m)			
Slope angle (degrees)			
Soil texture and % clay			

Activity 3: From your results answer the following questions:

1. Which site has the steepest slopes?

2. Which site is the warmest?

3. Which site has the best soil for growing?

4. Which site is the highest?

5. Which of the sites is best for growing?

6. Were the statements you made in Activity 1 correct?