

KEY STAGE: 2

AT/SC: 2

TITLE: What is the 'best' amount of water for plant growth?

Programme of Study:

2.3a that plant growth is affected by availability of light and water, and my temperature.

Points to consider:

- soil, seeds, pots and measuring equipment required
- cress works well
- look at growth, not germination (could use pre-grown cress)

Possible AT1 teaching focus:	Comments:
<ul style="list-style-type: none">• <u>Planning</u> Asking questions• Predicting• Fair Testing• Choosing equipment• <u>Obtaining Evidence</u> Using tables• Using equipment• Observing and sorting• Repeating readings• <u>Considering evidence</u> Using graphs• Drawing conclusions• Interpreting• Using science• <u>Evaluating</u> Sufficient evidence?• Consider anomalies• Consider improvements	<ul style="list-style-type: none">- good opportunities for children to justify their predictions and relate to their everyday observations- what are we changing/keeping the same?- measuring either quantities of water or comparison of plant growth