



Let's get growing Second Level

Suggested Participants - p5/6/7

Growing in school is a simple way to engage pupils with food chains, lifecycles and practical growing activities. You don't require a lot of space or any specialist tools and there are a range of plants and investigations you can deliver indoors although if you can get outside you should try to!

What this pack contains:

- All the links and content required to deliver our 'Lets Get Growing' activity.
- Learning Intentions, Success Criteria and Suggested Experiences & Outcomes.
- Learning for Sustainability links.
- Lesson plan.
- Suggested additional activities.

Learning Outcomes

- We are learning about the flow of energy between plants and animals.
- We are learning about the benefits of plants.
- We are learning about the different stages in plant development.

Success Criteria

- I can recognise the role of plants in society.
- I can discuss the life cycle of plants.
- I can produce a Scottish food web with plants in it.

Experiences and Outcomes

- **SCN 2-02a** I can use my knowledge of the interactions and energy flow between plants and animals in ecosystems, food chains and webs. I have contributed to the design or conservation of a wildlife area.
- **SCN 2-02b** Through carrying out practical activities and investigations, I can show how plants have benefited society.
- **SCN 2-14a** By investigating the life cycles of plants and animals, I can recognise the different stages of their development.

Learning for Sustainability

- **Goal 4** Quality education: achieve literacy and numeracy.
- **Goal 12** Responsible consumption and production ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature.



Let's get growing Second Level Lesson Plan

Introduction

- Share/discuss the learning intentions and success criteria.
- You can find the story of cereal seeds and grains with our [exploring seeds resource](#). In here, you will find a selection of videos, lifecycles and maths activities to try.
- Try planting something – we have our [Grow your own loaf project](#) where you can request free wheat seeds to grow in school and we also have a short video on [growing microgreens](#).

Suggested discussion points

- Which plants do we grow in Scotland that are useful to us?
- What do we use these plants for?
- What do plants need to survive?

Learning

- **Science outcomes:** The ability to discuss the requirements of plants. The ability to investigate and explain how a seed germinates into a plant. The ability to undertake practical investigations to describe how plants have benefited society.

Additional tasks

- Find out more about food chains and food webs with our [Story of Dung resource](#).
- Find out more about planting carrots, how carrots are grown in Scotland and have a go at cooking carrot muffins with our [Crop Your Own Carrots resource](#).

More information

- Find out more about growing crops in Scotland by [requesting a classroom speaker](#) to come and speak to your pupils about what they grow.

Social media

Please tag [therhet.bsky.social \(Bluesky\)](#) or [@TheRoyalHighlandEducationTrust \(Facebook\)](#) in your lesson photos/comments.