



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.



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 \(Twitter\)](#) or [@TheRoyalHighlandEducationTrust \(Facebook\)](#) in your lesson photos/comments.