



Sheep to jumper

Suggested Participants – Primary 5-7

Our sheep to jumper pack provides a number of pupil worksheets with the headings: what a lamb needs, discover digestion, living life cycles, natural and man-made materials, fibre challenge and fleece prices. The activities provided provide the opportunity to undertake some hands on learning linked to science, maths and technology.

What this pack contains:

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

Learning Outcomes

- We are learning how the digestive system functions.
- We are learning about lifecycles.
- We are learning how to collect and graph data.
- We are learning about different materials.

Success Criteria

- I can describe different lifecycle stages.
- I can participate in group discussions.
- I can conduct simple experiments.
- I can discuss a range of material properties.

Experiences and Outcomes

- **SCN 2-12a** By investigating some body systems and potential problems which they may develop, I can make informed decisions to help me to maintain my health and wellbeing
- **SCN 2-13a** I have contributed to investigations into the role of microorganisms in producing and breaking down some materials.
- **SCN 2-14a** By investigating the lifecycles of plants and animals, I can recognise the different stages of their development.
- **MNU 2-20a** Having discussed the variety of ways and range of media used to present data, I can interpret and draw conclusions from the information displayed, recognising that the presentation may be misleading.
- **MTH 2-21a** I can display data in a clear way using a suitable scale, by choosing appropriately from an extended range of tables, charts, diagrams and graphs, making effective use of technology
- **TCH 2-10a** I can recognise basic properties and uses for a variety of materials and can discuss which ones are most suitable for a given task.

Learning for Sustainability

- **Goal 4** Quality education: achieve literacy and numeracy.



Sheep to jumper Lesson Plan

Introduction

- Share/discuss the learning intentions and success criteria.
- Find out more about sheep farming in Scotland with our [sheep farming poster](#).
- Look at a [farming in Scotland map](#) and discuss where sheep farming happens in Scotland.
- Watch this short video about [maths on the sheep farm](#).

Suggested discussion points

- Why do farmers keep sheep?
- What products do sheep provide us with?
- What does the class know about the sheep life cycle?

Learning

- **Science outcomes:** The ability to recognise different stages in different life cycles. The ability to describe the function of the digestive system.
- **Numeracy and mathematics outcomes:** The ability to collect, organise and display data. The ability to analyse, interpret and draw conclusions. The ability to display data appropriately.
- **Technologies outcomes:** The ability to recognise characteristics of groups of materials. The ability to discuss the uses of materials.

Additional tasks

- You can find out more about the maths used on farms with our [Maths on the farm resource](#).
- Our [BIG STEM questions activity](#) contains a range of experiments which bring STEM from the farm into the classroom.
- You can find out more about STEM on the farm with our [STEM curiosities interactive platform](#).

More information

- You can find more [information on sheep farming in Scotland](#) in our teach it SWAY.
- We have [24 learning ideas](#) to support sheep and wool in our interactive resource.
- We have a short video and question activity from a sheep auction which you can access here [Lairg sheep sales](#).

Social media

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