



Take It Outside: Spring

STEM: Egg Rolling

Introduction

In the story of 'Brenda's Boring Egg', we see eggs ready to hatch. This activity looks at the traditional Easter tradition of egg rolling. Children will design a ramp to roll an egg as far as possible.

You will need:

- An outdoor space
- **'Brenda's Boring Eggs' (a Twinkl Original).**
- An egg. This could be one from a 3-D shape set, a plastic egg or even hard boiled eggs, if you were feeling brave (please check for egg allergies before you choose this option).
- Materials to create a ramp such as using different types of cardboard.
- Scissors
- Sticky tape

Key Questions

- How can we make an egg roll?
- How can we make it roll further?
- What would happen if you made the ramp higher?
- What would happen if you made the ramp lower?
- What would happen if you made the ramp longer?



What to do:

1. Before you go outside, read 'Brenda's Boring Egg'. Talk about the shape of eggs.
2. Explain to the children that egg rolling is a traditional Easter custom that has happened for hundreds of years. Across the United Kingdom, these competitions still happen every Easter. Each Easter Monday, the President of the United States has an egg rolling competition in the grounds of the White House. Explain to the children that they are going to design a ramp to make an egg roll as far as possible. Then it's time to take it outside!
3. In groups, children design a ramp which will help their egg to roll as far as possible. They should select any equipment they think they will need.
4. When the groups have all finished designing their ramps, conduct a test to see which ramp can get an egg the furthest. This is a good way to introduce fair testing by thinking about the following things: using the same egg each time, using the same force to roll the egg each time.



Ways to Support

Some children may benefit from working in an adult-led small group.

Ways to Extend

Give children tape measures to measure how far their eggs can roll.

Curriculum Links

Build structures, exploring how they can be made stronger, stiffer and more stable.