Classifying Species on Cuthbert's Moor

Date	Time	Age Group	Delivered By
	90 minutes	**Lower Key Stage 2**	

Learning Aims

- To understand what a peatland habitat is and why they are important.
- To understand how and why we classify different species.

Learning Outcomes

- Be able to sort into classifications a selection of peatland species.
- Be able to use a quadrat to examine the type of species on Cuthbert's Moor.
- Be able to record their findings on a **Bar Graph**.

Key Vocabulary

Peatland Ecosystem Vertebrates Invertebrates Mammals Reptiles Amphibians Birds Quadrats

Resources

Classifying Presentation   Pencils   Species Cards   Whiteboard Pens   Quadrats
Little Piece of Moor Sheets and Props   Classifying Animals and Plants Recording Sheets

	Activity	Time
👁	Introduction to Cuthbert's Moor	2 mins
💬?	Questions to see what they already know about **Peatland**.	3 mins
👁	**Watch** 'The Day We Found The Bog' video	5 mins
💬?	Questions to see what they had spotted, learned and understand about **Peatland**.	5 mins
👁	What is peatland, how it is an ecosystem and the need for classifying species	10 mins
📋	**Activity** - Use their existing knowledge to devise their own classification system to sort the Species Cards into groups.	15 mins
👁	Discuss how animals can be split into **Vertebrates** and **Invertebrates,** then these two groups split into further groups by the characteristics they share.	5 mins
👁	Introduce **Quadrats** - what they are, how and why they are used.	5 mins
📋	**Activity** - In groups, look closely at their little piece of Cuthbert's Moor. Record using a tally the number of each animal species they find. Count the number of squares that contain each different plant species.	20 mins
👁	Explain how to record their plant results on a graph.	5 mins
📋	**Activity** - Plot their results on the graph on their Plant Recording Sheet.	10 mins
💬?	**Reflection**	5 mins