

Peat Depth on Cuthbert's Moor

Date	Time	Age Group	Delivered By
	1 hour 45 mins	Upper Key Stage 2	

Learning Aims

- To understand what a peatland habitat is, how they have formed and why they are important.
- To investigate how peat depth is influenced by the underlying terrain.

Learning Outcomes











- Be able to collect data to help their understanding of how peat has developed over time.
- Be able to record their findings on a line graph.
- Be able to explain how peatlands have developed and changed over time.

Key Vocabulary

Peatland Transect Ecosystem

Resources

Peat Depth Presentation Peat Depth Recording Sheet Troughs Rocks Soil
Tampers Bamboo Skewers Laminated Tapes Rulers Pencils

	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 built up in layers, what these are and how they have changed over time.	15 mins
	Explain how peat depths are measured on Cuthbert's Moor along a Transect and watch the video of this being done.	5 mins
	Activity - In groups, using troughs, build undulating rock base layer to mimic natural rock strata, varying soil depth to mimic peat layer, cover with grass turf for top plant layer. Swap troughs, take depth measurements at 5cm intervals using skewers, record results on Peat Depth Recording Sheet.	25 mins
	Activity - Explain how to record their results on a line graph, then plot actual depth readings on the Peat Depths Sheet.	20 mins
	Look at where peatland is found and explain the importance of maintaining peat in good condition to maintain the Ecosystem and its importance for us.	20 mins
	Reflection	5 mins