



Where My Wellies Take Me



Entry Task

Explore a range of maps to identify what I know and want to know about map reading.

What is fieldwork and why do geographers do it? Can I suggest fieldwork which could be carried out in our school grounds?

Can I research, investigate and evaluate a range of existing items used for conducting fieldwork?

Can I design my gauge and share my ideas through an annotated sketch? Can I provide a rationale for my design choices?

Can I explore the context and purpose of fieldwork items and identify how they might be used? Can I create a design brief for a rainfall gauge?

Can I evaluate and select from a range of recycled materials based on their functional properties to use for my design?

Can I measure and mark out the materials needed to construct my product?

Can I assemble, join and combine materials creating a finished product?

Can I put my final product to use for geography fieldwork, conducting a rainfall experiment and presenting my findings to my peers?

Can I evaluate my final product against its intended purpose and suggest areas for improvement?

How does an OS map of Martin Mere differ to an OS map of our local area?

Celebration/Evaluation

Create a presentation to explain similarities and differences between our school grounds and Martin Mere, presenting to a different year group.

Curriculum Passport Challenge

Go on a walk through the woods and enjoy a picnic together.

What to revisit?

Year 2/3—Human and physical geography aspects

Year 1-3—Map symbols and how to navigate a map.

Year 3—Conducting product research

Year 3—Evaluating against a design criteria

Threads

Exploration, navigation,

Key Vocabulary

As a geographer, I will use...

Glasshouse, wind generator, coniferous trees, non-coniferous trees, bracken/heath/rough grass, marsh, orchard, camping/caravan site, garden, nature reserve

As a design technologist, I will use...

Design specification, aesthetic qualities, fit for purpose, functional, strengthen, corrugating, assemble, compartment, prototype, mock up, strengthen, annotated diagram, cutting, joining, finishing, materials, appealing, research

Big Question

What do OS maps tell us about physical and human features? How can they be used for navigation?

How do the physical geographical features of the nature reserve compare to our local area/school ground?

How do the human geographical features of Martin Mere compare to our local area/school ground?

Observe, measure and record life in Martin Mere pond. Create a graph to show life forms found and compare to school grounds?

Can I create a sketch map to identify the features in Martin Mere?

Visit, navigate around, explore and observe Martin Mere, photographing human and physical features.

Can I use the 8 points of a compass to give directions across an OS map? (Navigate)

Can I explore the local area and school grounds to identify human and physical features?

Can I explore an OS Map of the Martin Mere? What map symbols can be identified? (see vocabulary)

Can I create a sketch map to identify the features in the school grounds?

Observe, measure and record life in the school pond. Create a graph to show life forms found in a single pond sample.

DRIVER SUBJECTS ARE GEOGRAPHY & D.T