

Flag Fen Fossils Activity Map

Science

Use different types of bread and jelly sweets to make a model showing how imprint fossils are formed. Layer slices of bread (sedimentary rock) with jelly sweets (prehistoric creatures) to make your model and wrap it in baking paper. Cover your model with a heavy book and leave it for 2 weeks. Peel off the layers of bread and sweets to reveal the 'fossil'.

Maths

Compare the lengths and heights of different prehistoric animals for example ammonite, belemnite, plesiosaur, ichthyosaur, smilodon.

Art / Design Technology

Make your own habitat for a prehistoric animal. Experiment with different materials and techniques to join them to make a 3D model.

Art

Create your own piece of artwork using your favourite media to represent a scene of life in the Jurassic sea at Flag Fen. You could use the artwork in Flag Fen's Education Room to give you some ideas.

Literacy / Drama

Write a list of questions you would like to ask the fossil hunter Mary Anning. You could host a member of the class in the role of Mary Anning to give the answers.

Literacy / History

Create a news report for the discovery of the Rutland Sea Dragon or another local fossil find.

Literacy

Write a Top Trumps card for a chosen prehistoric creature for example a plesiosaur or ichthyosaur. You could use the categories speed, size, strength, beauty and risk of danger.

Science

Go on a rock hunt around your local area and use these tests to compare the rocks.

- *Rub the edges of the rock with a coin. If it scratches easily it is sedimentary rock.
- *Put the rock in water. Does the water bubble? This means it is porous.
- *Put a few drops of vinegar on the surface. Does it fizz or bubble? Limestone, marble and chalk will react in this way.