

STEAM Challenges

Year 3 - Spring 1

Science



To be completed during the week beginning 13th January 2025
Make a fossil. Ask your grown up to search for a recipe online for salt dough. Can you use different toys to make an imprint on the dough?
Once you have made your fossils, follow the instructions on the recipe

to bake your creations. Can you challenge a member of your family to match the fossils to the objects you used to create them?

Technology



To be completed during the week beginning 20th January 2025

Use the internet to research Mary Anning: the original fossil hunter. Create a fact file about her using facts you have learned from your research. How will you present your fact file?

Engineering



To be completed during the week beginning 27th January 2025

Make an anemometer. This is a device that measures how fast wind moves. Have a look at this example: Wonderful Wind. This anemometer has a series of cups mounted off a central shaft. As the wind blows, the cups spin round. How many times the cups go round (the number of revolutions per minute, rpm) is a measure of the wind speed.

Arts



To completed during the week beginning 3rd February 2025

Create a Roman inspired mosaic. What materials could you use to do this? Think carefully about the sorts of images that might be included. Which colours will you use?

Maths





To be completed during the week beginning 10th February 2025

Learn the 4-, 6- and 8-times tables by heart. Use your Times Tables Rock Stars account to help you. Can you create a times tables test and challenge someone at home to go head-to-head in a times tables battle with you? Who can complete the questions in the fastest time?

Children in Year 3 can bring any STEAM Challenge work they complete into school or submit it to the year group homework email address – year3homework@thedenbighalliance.org.uk