

STEAM Challenges

Year 3 - Spring 2

Science



To be completed during the week beginning 3rd March 2025 Conduct an experiment to investigate: How does the distance

between a light source and an object affect the size of its shadow? You will need: a light, an object (such as a toy) and a tape measure. Show your results in a table.

Technology



To be completed during the week beginning 10th March 2025

Use the internet to research a recipe. Using scales, can you correctly measure out the mass of the ingredients? How will you ensure that you are accurate?

Engineering



To be completed during the week beginning 17th March 2025

Research Roman aqueducts and why they were important. Design and make your own aqueduct. Use this website for inspiration: How Did Ancient Romans Build Aqueducts? | IFLScience

Arts



To completed during the week beginning 24th March 2025

Create a Roman-inspired shield. You could use recycled materials including cardboard and paper.

Maths





To be completed during the week beginning 31st March 2025

Find 1/4, 1/3, 2/4, 3/4 and 2/3 of 12 and 24. What do you notice?

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