

STEM Education at Bartons

STEM (Science, Technology, Engineering and Mathematics) is featured heavily throughout the National Curriculum. At Bartons Primary School we are invested in ensuring that the children develop their STEM capital prior to their transition to secondary school. Our STEM education includes all areas of science, computing and mathematics, whilst the engineering element of STEM is covered primarily through our Design and Technology learning. The children at Bartons enjoy taking part in these aspects of their learning and are always enthusiastic in their approach.

I really enjoyed using the tools in the STEM hub when we made our drawbridges.

- Year 2 child

STEM Hub

In 2023 we invested in our STEM resources through the creation of our brand new STEM hub. This fantastic space has been filled with all the tools, equipment and technology our children will need to fully embrace the STEM aspects of the national curriculum. From cutting, sawing and drilling in DT to investigating light and electricity in Science, the hub has all the tools and resources readily available.

STEM Enrichment

As part of our commitment to enhancing the children's STEM experiences prior to finishing primary school, we organise several STEM enrichment opportunities. These include:

- Science week every January. During this week the children are fully immersed in their science with a science fair to celebrate at the end of the week.
- STEM enrichment week. This takes place in June every other year and allows the children to explore cross curricular learning with all STEM subjects.
- STEM club. Our STEM lead holds a STEM club every Autumn and Spring term; where the children can explore the latest gadgets and take part in fun engineering themed projects.
- STEM focused trips including a Year 6 trip to the Festival of Speed each July.

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