

16.5.25 – Step into Stem Session 3

Pupils were introduced to the concept of 2D & 3D designs based on the x, y & z axis. This was then applied to transform a 2D square into a 3D cube and annotate the appropriate axis on each line. As part of this, discussed how ICT can be used to support via computer aided design and computer aided manufacture.

Children then mind mapped ideas as a class, based on initial idea/designs (students were given the opportunity to share features) to create an ideas board.

- Include an annotated sketch as part of the design process
- Use a range of media to show the design including ICT software.
- Explain how product will work
- Have at least one idea about how to create product and suggest improvements for its design.

