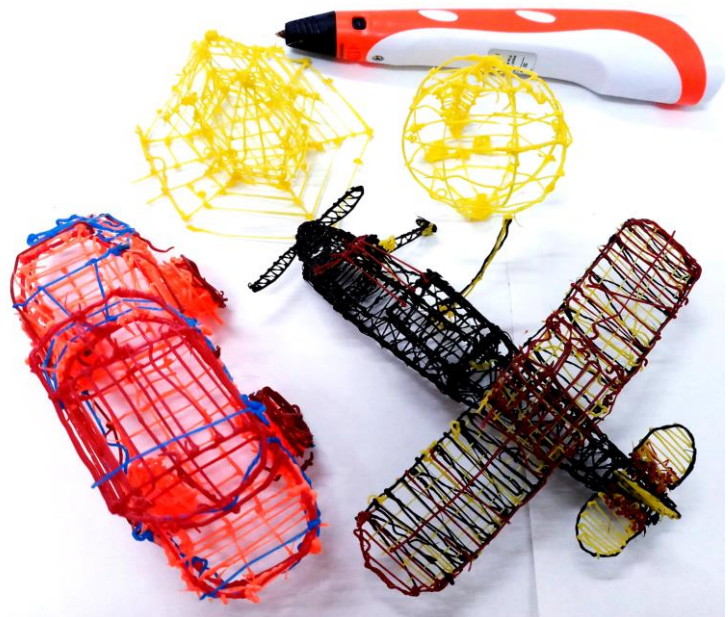


# Doodling with 3D Pen

3-Dimensional (3D) Technology is transforming the educational landscape. Now-a-days, it is not uncommon to see 3D printers and 3D pens on the wish-list of many schools as part of their tinkering laboratories

Adding a new dimension to doodling drawing with 3D pens can be an enjoyable and creative exercise for students (and teachers!), as it provides an opportunity to create a model of the design they have imagined.



It can also help in developing a range of skills like motor dexterity, visualization, spatial thinking, creativity and imagination. One needs patience, planning, organization skills, and steady hand-eye coordination when creating these 3D models. In HBCSE's D&T laboratory, students use 3D pen:

- to doodle or practice making 3D models (e.g. creating a 3D alphabet)
- to create some imaginary object (e.g. a new car design)
- to translate their (2D) technical drawings to a 3D model, in a given design problem task.

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