

# Networks

## Characteristics of networks and the importance of protocols and standards

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1. The Head of Design Technology has recently acquired an additional classroom, and is investing in some new CAD/CAM equipment: an embroidery machine, a CNC router, a 3D printer, and an A2 canvas printer. He has suggested that he would like to connect a desktop computer to each device so students can produce their work on that computer and output the results. He doesn't really see why these computers should be cabled together. He thinks it's unnecessary. It's extra time, money and hassle.

Draw up a list of user-cases to present to the teacher, explaining why it would be more beneficial to the students, and the teachers if these computers were networked.

