

# GETTING AHEAD

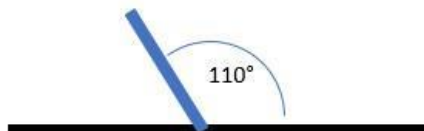


Start to develop skills that are relevant to your course before you join HSDC this September!

## Engineering – Level 3 Extended Diploma & Subsidiary Diploma

### Activity

For your second Getting Ahead task, we are setting a practical task. The challenge is to produce a working prototype model of a smart device stand, however you can only use items found around the home/garage/shed. The constraint to your design is that the smart device must recline (lean back)  $110^\circ$



The material choices could include paper, card, Lego, Meccano, wood, food packets, delivery boxes, tin cans etc.

Additional fixing will be required, this could be tape, staples, sewing, paperclips, glue, hair grips etc.

As with most engineering solutions, it is often trial and error, so keep records of your development. This could be in the form of photos, video, blog/vlog etc.

Bring your model and the development records to College when you come. We will chose the most inventive and creative design for a prize!

If you are looking for inspiration then read up on James Dyson!

**We look forward to seeing you in September!**

For further information about your College and being a student at HSDC, please visit [hsrc.ac.uk/Alton](https://hsrc.ac.uk/Alton)