



Dear Parent/Guardian

### **Design Technology - Information for Key Stage 3 Parents - October 2022**

In recent years we have been developing and reshaping the Design and Technology curriculum for teaching at Key Stage 3. Students now have two rotations of Design and Technology in Years 7, 8 and 9, with the second rotation being called Product Design. The aim is to provide students with an exciting range of designing and making experiences. The projects are focused to meet the requirements of the National Curriculum, but also to develop creative thought processes, strong design skills, and practical confidence which will benefit them in GCSE Design & Technology and in later life.

Year 7 students will complete the wind chime project in design & technology, and technical drawing and 3D CAD modeling in product design. Both of these courses will expose students to a huge range of skills, processes and materials, giving them a broad and exciting introduction to the subject.

In Year 8, students will look at pewter casting, electronic circuits and programmable electronics in design & technology, while in product design they will be designing and making a denim drawstring bag with felt applique decoration. There is considerable practical time in both of these courses and we are confident students will find the projects highly engaging.

In Year 9 the design and technology projects are the ball puzzle, copper amulet and a bookend. product design will focus on 3D thinking through more challenging drawing methods, before exploring different modeling techniques and working on scale models of different products. The pace of these courses will be more intense and the use of scale and tolerance will make valuable links to maths. Students will also expand their thoughts around sustainability, consumer and designer responsibilities, materials, processes and creative thinking. The array of skills visited and pace will prepare students for GCSE D&T as an option.

Due to the cost of delivering this broad and interactive curriculum, we are asking for a contribution of £6.00 per student per year, while students are at Key Stage 3. This contribution only covers the consumables used by the students, and all students will be encouraged to take their completed projects home for you to see. We have kept the contribution at £6.00 this year despite increasing costs, to support families with the current cost of living crisis.

If your child is entitled to the Pupil Premium Grant their contribution can be covered.

Methods of payment are as follows:

- Please pay by credit or debit card via the school website
- To do this you should go to <http://langtreeschool.com> and click on the 'SCOPAY' icon on the front page. If you don't have your pupil link code contact finance who can give you the code.
- If you have any queries or difficulties with payment, please contact the finance office at: [finance@langtreeschool.com](mailto:finance@langtreeschool.com)

We are excited to be able to offer this range of engaging learning opportunities to the students. If you have any enquiries please let me know and I will be happy to answer your questions. Thank you in advance for your support.

Yours sincerely

A handwritten signature in black ink that reads "Paul Sinnamon". The signature is written in a cursive style with a horizontal line underneath.

Mr P Sinnamon  
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