

**Because of a shortage  
5 of the top 11 best paid  
jobs are engineering based.**

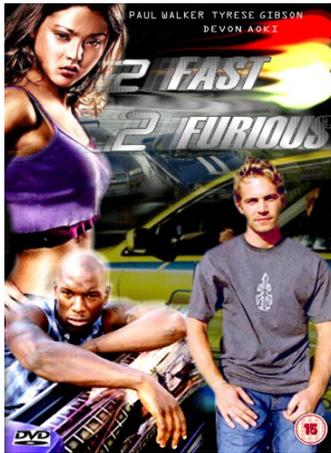
**Contribute to the economy!  
Learn how to design, make and  
repair anything!  
Have fun at the same time!  
Express yourself, explore the  
latest technology and get your  
hands dirty (if you want to!)  
Use exciting and dangerous  
machines, (though that is not  
compulsory!)**

**We are the future!**

This course combines everything you have enjoyed so far in design technology, mixing graphic design with engineering and manufacturing in a range of materials from specialist card, wood, metal and plastic to glass reinforced plastic, concrete and carbon fibre. It is flexible and allows you to focus your work on your own area of interest.

The skills are very useful whether you hope to follow a related career or not! Employers in any workplace appreciate your advanced problem solving, analytical, risk management, presentation and promoting (etc) powers.

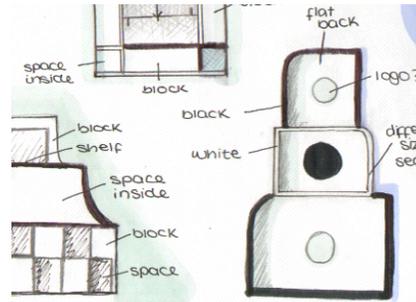
**You are in good hands;  
in 2014 43% of SHS students  
were awarded A\* or A grades at  
GCSE (Compared to only 17%  
and nationally)**



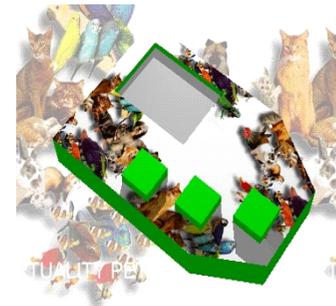
# GCSE

In Year 10 you will take on a series of mini projects such as promoting a blockbuster film, packaging chocolate and designing and modelling the next big gadget (eg hologram video phones). You will learn more complex computer aided design and manufacturing, and get your hands on a blow torch!

Y11 is spent on a course-work project, such as designing innovative bird nesting boxes, jewellery or educational toys where you will be showing off your new skills.



All pictures on this side are actual SHS DT GCSE work.



**Career Opportunities:**

Britain makes thousands of cars every day, we lead the world in aerospace engineering and are renowned for high end designing and top quality products.

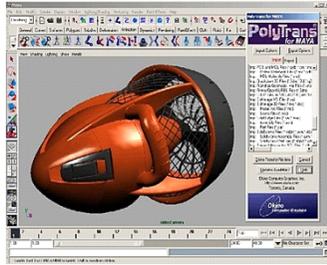
- Aeronautical Engineering, Animatronics, Architecture, Automotive Design, Building Conservation, Computer-Aided Design, Disaster Management, Electronic Product design, Energy Efficiency, Ergonomics, Furniture Making, Graphic Design, Industrial Design, Manufacturing Management, Marketing, Medical Product Design, Model Making, Motorsport Engineering, Naval Architecture, Packaging, Printing, Product Performance and Safety, Quality Management, Security Technology, Sports Technology, Sustainable Design, Teaching, Toy Design, Virtual Reality
- .....(to name but a few!)



### Ex SHS D&T students: where are they now?



D&T has put me one step ahead of most of the other students on my course'  
**Lucy Pratt: student of Aerospace Engineering, Astronautics and Space Technology**



I now work as a designer which I absolutely love.  
**Clair Neal: Designer**



"D&T has without doubt been the subject that has stayed with me, proving to be highly applicable, relevant and useful in a surprising range of day-to-day endeavours."  
**Josie O'Toole: Oxford graduate in Human Sciences**



For more information contact:

**Mr Martindale**

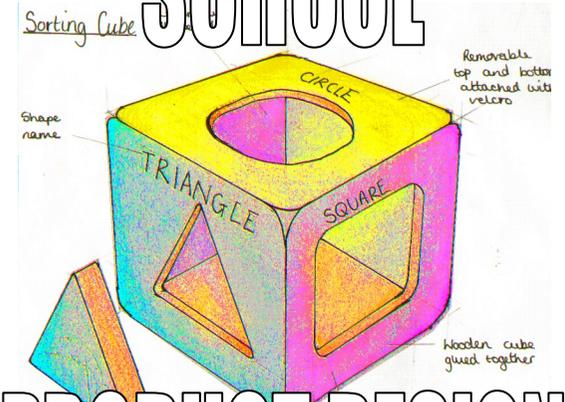
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# SPALDING HIGH SCHOOL



# PRODUCT DESIGN TECHNOLOGY GCSE