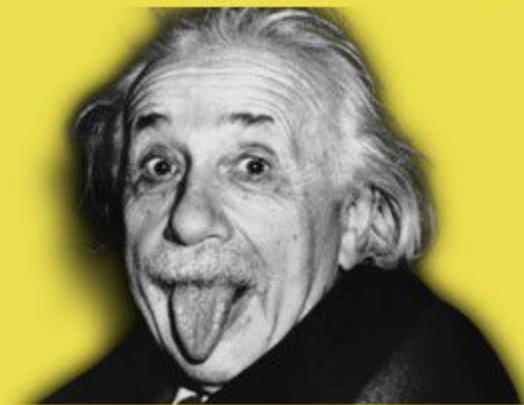




WELCOME TO DESIGN & TECHNOLOGY

“ The true sign of intelligence  
is not knowledge but  
imagination!

-Albert Einstein





# HELLO!

**I am Mr Buckley**

I am the Curriculum Leader for the  
Design and Technology department at Uxbridge  
High School.

We have an excellent team of teachers that look  
forward to you joining our school and are excited  
to start you on your D&T learning journey!



# ✧ INTRODUCTION

## WHAT WE WILL OFFER YOU...

- ✧ You will have access to a wide range of facilities that offer you exceptional learning opportunities in designing, manufacturing, cooking and engineering.
- ✧ Throughout your time at UHS we will enable you to progress into a field that supports progression into the world of work and exciting career prospects.
- ✧ The practical application and problem-solving skills will give you the support to grow into a successful adult that is prepared to be open minded and strive to support your families and communities later in life.

## WHAT WE EXPECT FROM YOU...

- ✧ You will need to manage deadlines and look forward to learning about all aspects of cooking, design and manufacturing.
- ✧ Practice and develop your drawing and practical skills as you go through the different areas of D&T
- ✧ And the most important one... THINK OUTSIDE THE BOX AND BE CREATIVE!!!!





# SOME OF THE WAYS WE SUPPORT YOU DIGITALLY



Websites like Seneca, [Technologystudent.com](http://Technologystudent.com), Focus software, Youtube are just some of the websites used within our curriculums to support you on your learning journey.



OneDrive, Microsoft Teams, Class Charts and DPR tracking systems are just some of the platforms available to support your learning in and out of school.



# SHOW TIME

THIS IS A VIDEO OF SOME OF THE AMAZING  
RESOURCES YOU WILL HAVE ACCESS TO IN OUR  
DEPARTMENT

1

# SUMMER CHALLENGE

This will be your first mini D&T  
summer skills task!



# TROPHY PROJECT

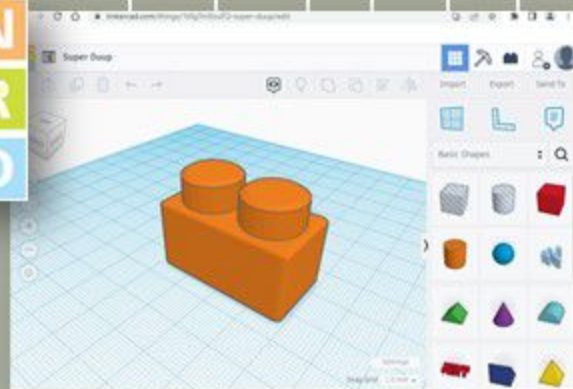
Your challenge is to design a 3D trophy that can be awarded to a student for their excellent work within any subject of your choice.

You can choose any subject that we teach at UHS and you must use the online software called Tinkercad. This software allows you to easily design things in 3D with a variety of shapes. You will first need to create a personal login/account to use the software to create a 3D Design. The link for the website is:

<https://www.tinkercad.com/join>

If you don't have access to a computer you can design and make a small model using materials that you have access to at home. This can be recycled material like cardboard, paper, plastic from bottles or containers etc...

The trophy should be able to be clearly identifiable by its look and theme to your chosen subject. **The D&T team will select the best Tinkercad one and 3D print the design in GOLD!**





WHAT  
SUBJECT WILL  
YOU CHOOSE?



# DESIGN ROADMAP

Look on the UHS website and see what subjects are taught at UHS. Decide on a subject you would like to design a trophy for. You can always do some internet research on actual trophy designs too.

1

Or if you're making a 3D model, source some suitable materials you can use... Raid the recycling! (make sure you get parental permission first)

3

Using the tools in the Tinkercad programme design the trophy in 3D thinking about the theme/subject (what shapes would match) and the base section.

GOOD LUCK

2

Create an account on Tinkercad and look through some of the little tutorials on the programme to build your skills.

4

For the practical modelling use scissors, tape, glue and anything else that is suitable to make your trophy. (make sure you get parental permission first)  
Then Add paint, wrapping paper, marker pens or any other finish you like, to your final product.

6

Take a picture/screenshot and print it if possible, ready to share when you start DT in September!

“ Remember to check out the schools and D&T twitter page to see some of the Gold standard work UHS produce!

- + <https://twitter.com/uxbridgehighsch>
- + <https://twitter.com/uhsprincipal>
- + [https://twitter.com/UHS\\_TeamDT](https://twitter.com/UHS_TeamDT)

