DESIGN & TECHNOLOGY

@DT.GARNOCK

SUBJECTS

- DESIGN & MANUFACTURE
- GRAPHIC COMMUNICATION
- PRACTICAL WOODWORKING

MRS JARDINE

MRS MCMILLAN

MR MCLEAN

MISS SIM

MR OETEGENN

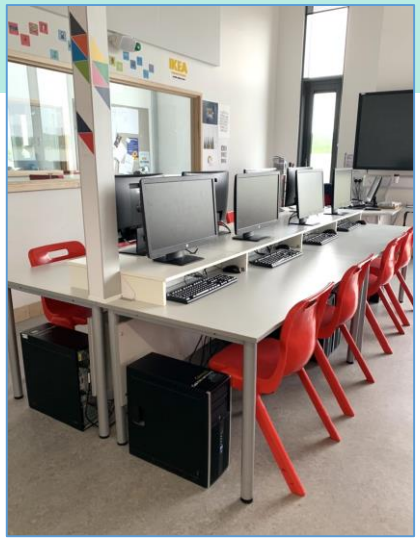
OUR DEPARTMENT

We have 6 teaching spaces:

- 3 classrooms
- 3 dual purpose workshops

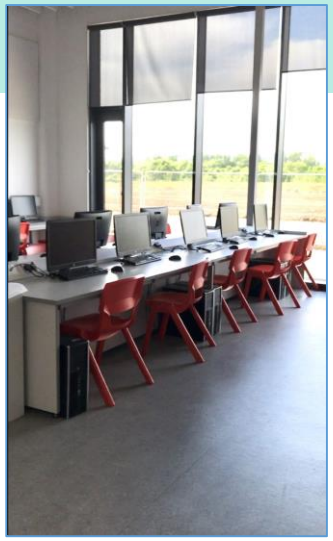
These spaces are shared so you may find yourself moving around the department. Our friendly technician is Mr Sommerville.

MR SOMMERVILLE

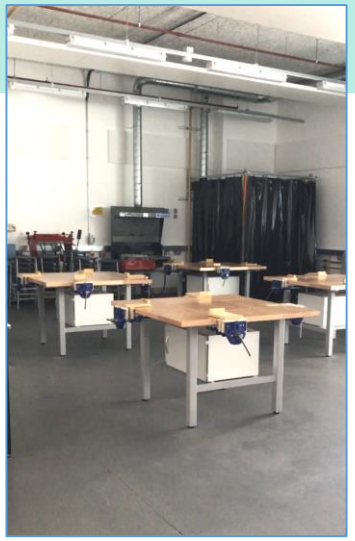


SKILLS AREA 1

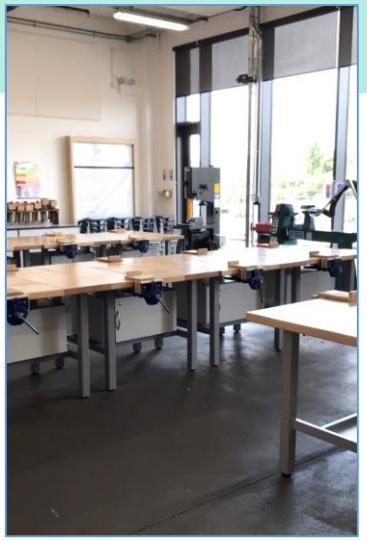
SKILLS AREA 2



SKILLS AREA 3



WORKSHOP 3



WORKSHOP 1

S1 DESIGN& TECHNOLOGY

UNITS OF WORK

DESIGN & MANUFACTURE:

- WOOD UNIT- BASKET BALL GAME
- PLASTIC UNIT- EAR BUD WRAP
- METAL UNIT- BIRD FEEDER

GRAPHIC COMMUNICATION:

- COMPUTER AIDED DESIGN (CAD)
- DESKTOP PUBLISHING (DTP)
- MANUAL GRAPHICS.

DESIGN & MANUFATURE

Basket Ball Game

WOOD

In the workshop:
- Workshop safety and practices.
- Safe and appropriate use of hand tools.
- Safe and appropriate use of machine tools.
- Measuring and marking out.
- Cutting and shaping.
- Assembly and finishing.

Covering Skill Areas:
- TCH 3-09a
- TCH 3-10a
- MNU 2-11a

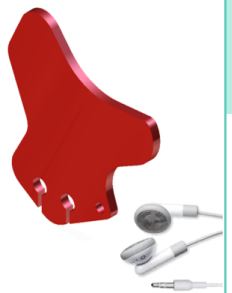
Earphone Wrap

PLASTIC

In the classroom:
- Materials Theory
- Hand Tools
- Design Process
- Idea Generation
- Idea Development
- Modelling Techniques
- Evaluation Techniques
- ASSESSMENT TOOL

In the workshop:
- Workshop safety and practices
- Safe and appropriate use of hand tools
- Safe and appropriate use of machine tools
- High Quality finishing techniques

Covering Skill Areas:
- TCH 3-09a
- TCH 3-10a
- TCH 3-11a



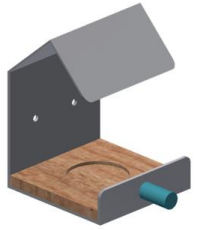
Bird Feeder

METAL

In the classroom:
- Materials Theory.
- Hand Tools.
- Measurement.
- Plan for Manufacture
- Evaluation Techniques.

In the workshop:
- Workshop safety and practices.
- Safe and appropriate use of hand tools.
- Safe and appropriate use of machine tools.
- Measuring and marking out.
- Cutting and shaping.
- Assembly and finishing.

Covering Skill Areas:
- TCH 3-09a
- TCH 3-10a
- MNU 2-11a



GRAPHIC COMMUNICATION

Mobile Phone Stand CAD

CAD

In the classroom:
- Materials Theory.
- Hand Tools.
- Measurement.
- Colour Theory.
- Evaluation Techniques.
- CAD.

In the workshop:
- Workshop safety and practices.
- Safe and appropriate use of hand tools.
- Safe and appropriate use of machine tools.
- Measuring and marking out.
- Cutting and shaping.
- Assembly and finishing.

Covering Skill Areas:
- TCH 3-09a
- TCH 3-10a
- MNU 2-11a

S1 Marvel Task

In the classroom:
- Analysing information.
- Colour Theory.
- Note Taking
- Character creation
- Badge Design.
- Costume Design.
- Desktop Publishing using Serif PagePlus.
- Extension Task: Creative writing.
- ASSESSMENT TOOL

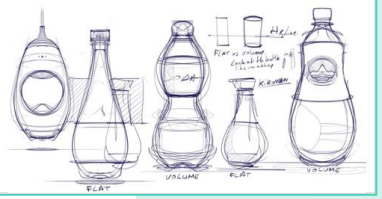
Covering Skill Areas:
- TCH 3-11a
- ENG 2-31a

Task Content

Manual Graphics

In the classroom:
- Construction Lines
- 2D Sketching
- 3D Sketching
- Sketching Assessment
- Pencil Rendering – Toy Train
- Colour Theory
- Assessment tool

Covering Skill Areas:
- TCH 3-09a



STAR PUPIL

If you work extremely hard or produce an excellent piece of work you could earn the title of star pupil.

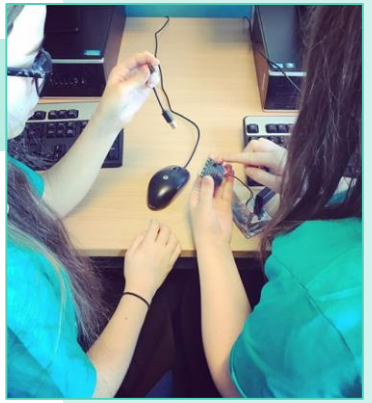
Pose for a photo in our star pupil frame and have your picture posted on our department Instagram.

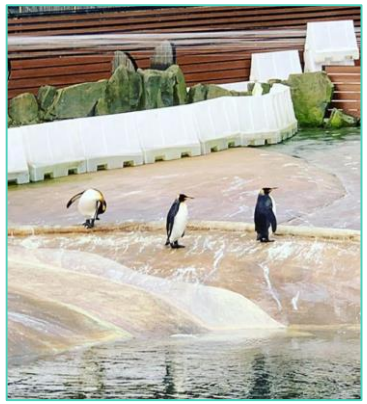
You'll also win one of our Design and Technology star pupil key rings.

EDUCATIONAL SCHOOL TRIPS

WHERE HAVE WE BEEN?

- EDINBURGH ZOO
- ROLLS ROYCE
- HUNTERSTON POWER PLANT
- AYRSHIRE COLLEGE
- DISNEYLAND PARIS

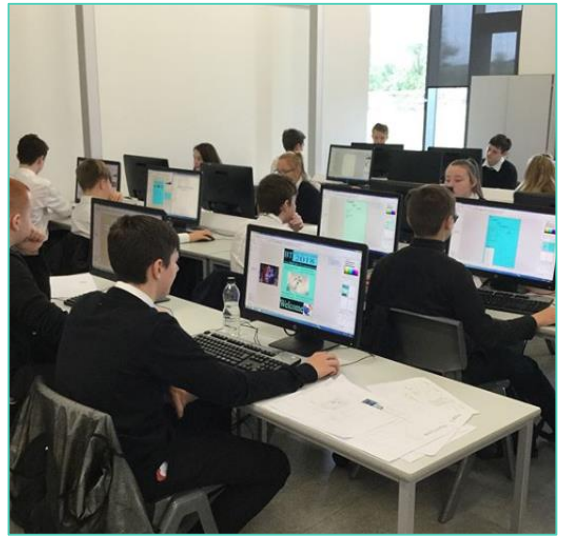




GUEST SPEAKERS

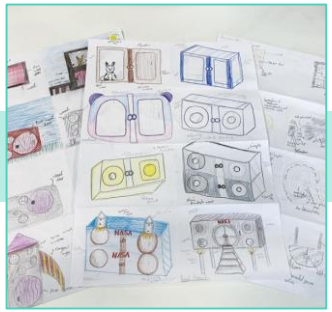
We invite specialists into the department to give you a realistic experience of how our subjects link to industry.

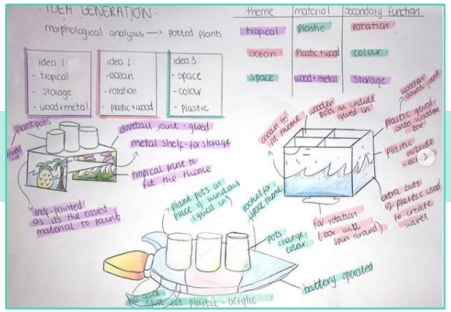
LEAD GRAPHIC DESIGNER STACEY CAME IN TO WORK WITH OUR S3 GRAPHIC COMMUNICATION PUPILS.

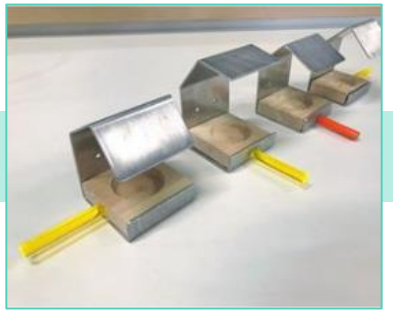


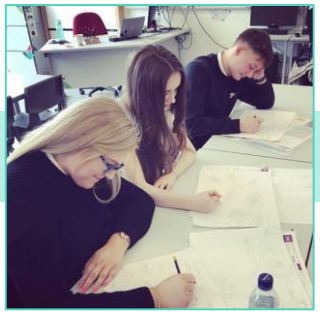
COACH LUCY, A LOCAL PERSONAL TRAINER CAME IN RECENTLY TO WORK WITH OUT S3 GRAPHIC COMMUNICATION PUPILS.

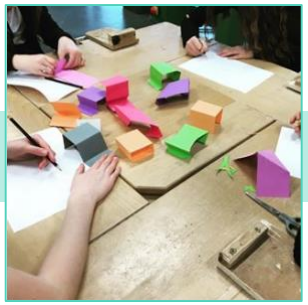
PROJECT PRINT
You think it, we ink it.

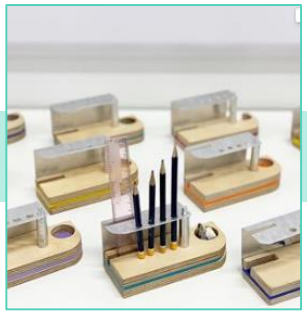


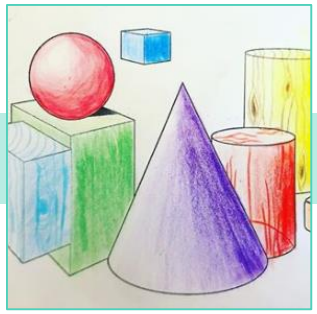

IDEA GENERATION
Morphological analysis → potted plants
theme
material
boundary function
idea 1:
- tropical
- storage
- wood+metal
idea 2:
- ocean
- rotation
- plastic+wood
idea 3:
- space
- colour
- plastic
tropical
ocean
space
plastic
plastic+wood
wood+metal
rotation
colour
storage
metal shelf - for storage
battery operated





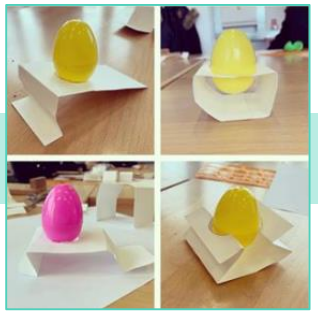


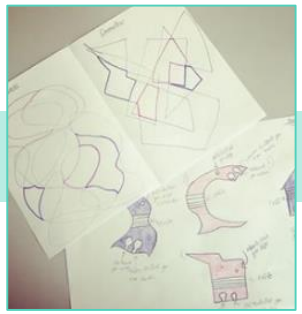




notes

Music Festival
17TH JULY-20TH JULY





RACHAEL

WELL DONE!
GETTING THERE