Art Department

CORNWALLIS ACADEMY
CLASSROOM CHAMPIONS

A selection of our very creative Scholars

Wren S Year 7

Alice C Year 9

Bella L Year 7

Martha B Year 7

Sienna R Year 7

Nancy D Year 7

Jasmine W Year 7

English Department

CORNWALLIS ACADEMY CLASSROOM CHAMPIONS

Miss Watts

- Year 7 – Thomas D
- Year 8 – Joe M
- Year 9 – Robbie H
- Year 9- Miller D
- Year 10 – JJ H

Miss Burgess

Year 7 Evelyn S

Year 8 Laila S

Year 9 Rubie O

Year 10 Lexi M

Year 10 Lily H

Miss Willetts

Year 7- Joe K

Year 8- Liam E

Year 9- Ava W

Year 10- Lily M

Mrs Elphinstone

Year 8- Lacey S

Year 9- Callum L

Year 10- Sophie H

Year 12 – Lois S

Miss Sladden

Year 8- Will S

Year 8 - Lewis C

Year 8- Amelia M

Year 8- Lillie H

Year 9- Alex B

Year 9- Sophia W

Year 9- Vinnie B

Year 9- Chloe D

Year 10- Riley S

Year 10- Riley P

Year 10- Kaedan H

Year 10- Shane L

Year 10- India B

Ms Wallace

Year 7 – Tommy H

Year 8 -Tamas B

Year 9 -Rubie O

Year 10- Kaius O

Miss Johnson

Year 7 – Ethan C

Year 7 – Jagoda W

Year 7- Nanci P

Year 7- Olivia B

Year 8 – Amelia T

Year 8 – Ted T

Year 8- Emily B

Year 9 – Amber W

Year 9- Jake T

Year 9 – Layla D

Mrs Sperryn

Year 7 - Sebi B

Year 7 - Cody T

Year 7 - Callum B

Year 7 - Frankie G

Year 8 - Callum C

Year 8 - Theo O

Year 8 - Paris B

Year 8 - Max S

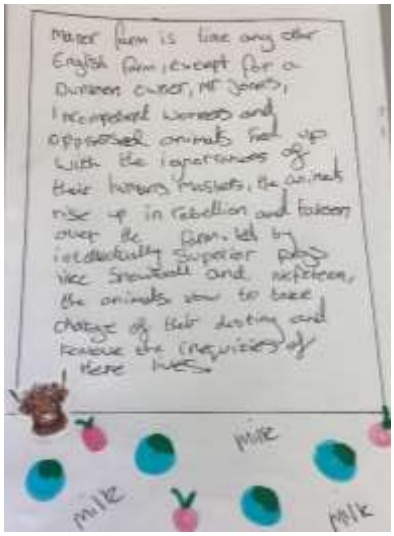
Year 9 - Alice

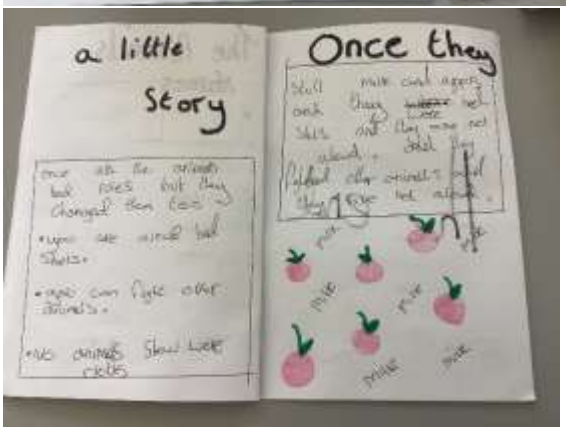
Year 9 - Callum C

Year 9 - Raiden BW

In English, Year 8 have been practising key revision skills by creating knowledge organisers, revision cards and reflecting on the vast amount of knowledge they have gained this year. Pupils have enjoyed looking back at the progress they have made throughout Year 8.

- Phoebe R
- Lexie M
- Shqiponje K
- Jacob C

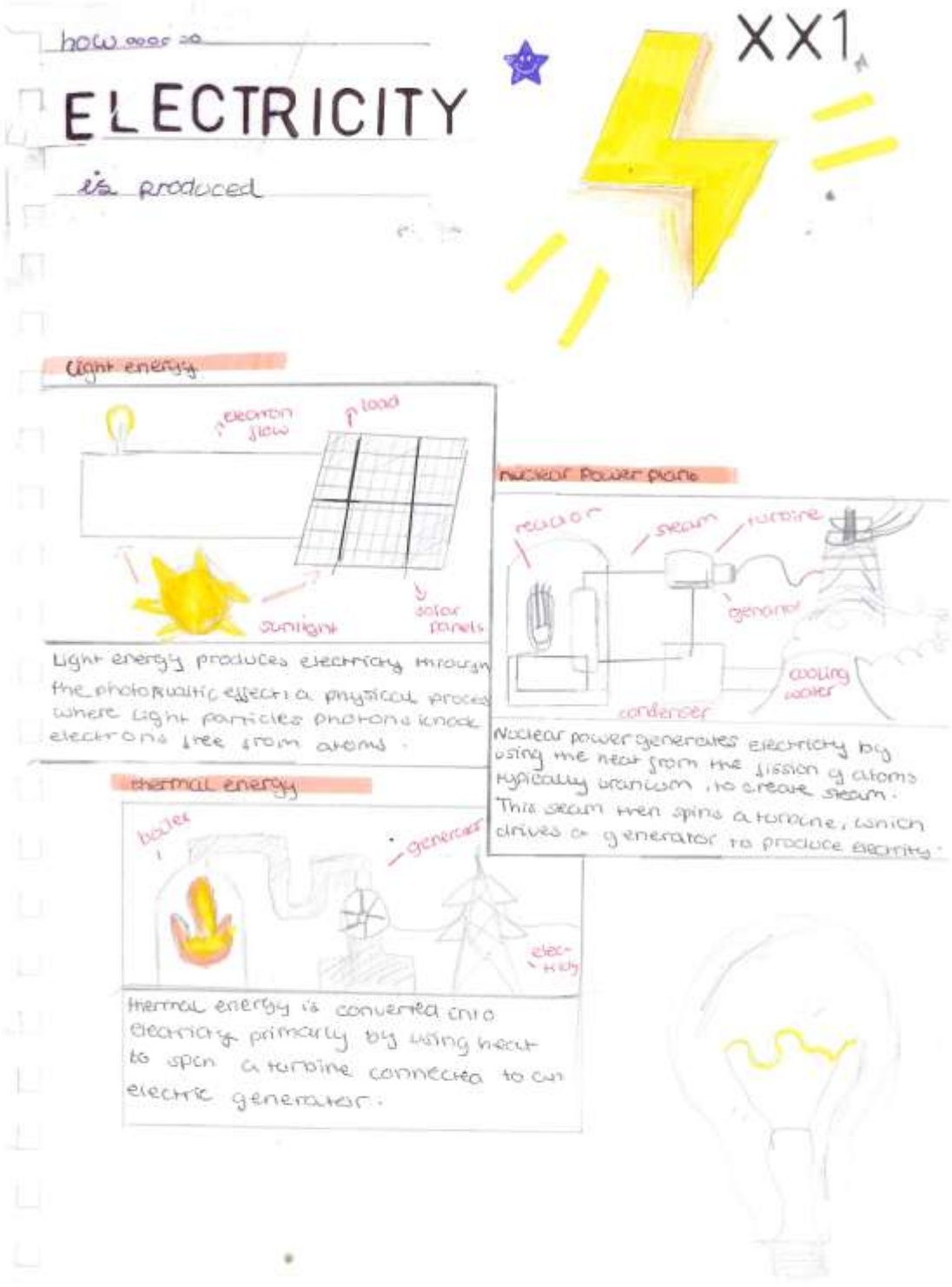




CORNWALLIS ACADEMY
CLASSROOM CHAMPIONS

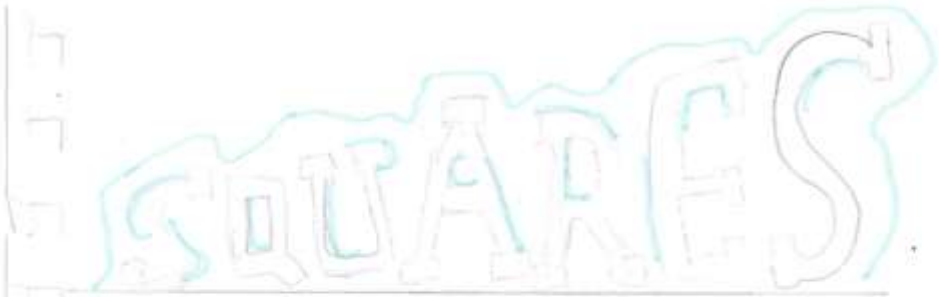
Mrs Clark-Keen

Some fantastic homework completed by year 8 students.



Elsie C

XXX1



OR

squares / salt & vinegar	cheetos / flamin hot
smell – vinegar smell	smell - spicy and peppery
taste - saltyiness enhances the flavor	taste - cheesy mess
crunch - crispiness compacted inside	crunch - airy fluffy
apperance - beige square / bubbles	apperance - coated orange toes
flavour - tangy sea salt vibes	flavour - spicy sriracha
rating - 5 stars	rating - 3 stars

Elsie C

M2

RENDERING

MATERIALS

wood

metal

I chose pencil for my material however I feel that pen may have been more accurate rather than blending when you were - those straight lines.

ILLUSION

WATER

BRICK

MARBLE

Square (□ 2D) 3D

- 3D shapes
- shading

Amelia L

~ OUTFIT DESIGN ~

I chose lady Gaga
because of her bold, extravagant outfit design
and this dress because you can express beauty
and a dark twist contrasting with the unique design.
However, this outfits material is recyclable and non-
animal based material.

Amelia L

Foods to eat

Foods to Avoid

Pregnant women should focus on a balanced diet rich in nutrients while avoiding certain foods that can pose risks to their health and development

1. fruits and vegetables: these are essential for providing vitamins, minerals and fibre.
2. whole Grains: foods like oats, quinoa and brown rice are good for energy.
3. Lean proteins: include sources like poultry, fish, beans and legumes.
4. dairy products: opt for pasteurised dairy to provide calcium and vitamin D for bone health.
5. Healthy fats: incorporate sources of omega 3 fatty acids such as walnuts & flax seeds

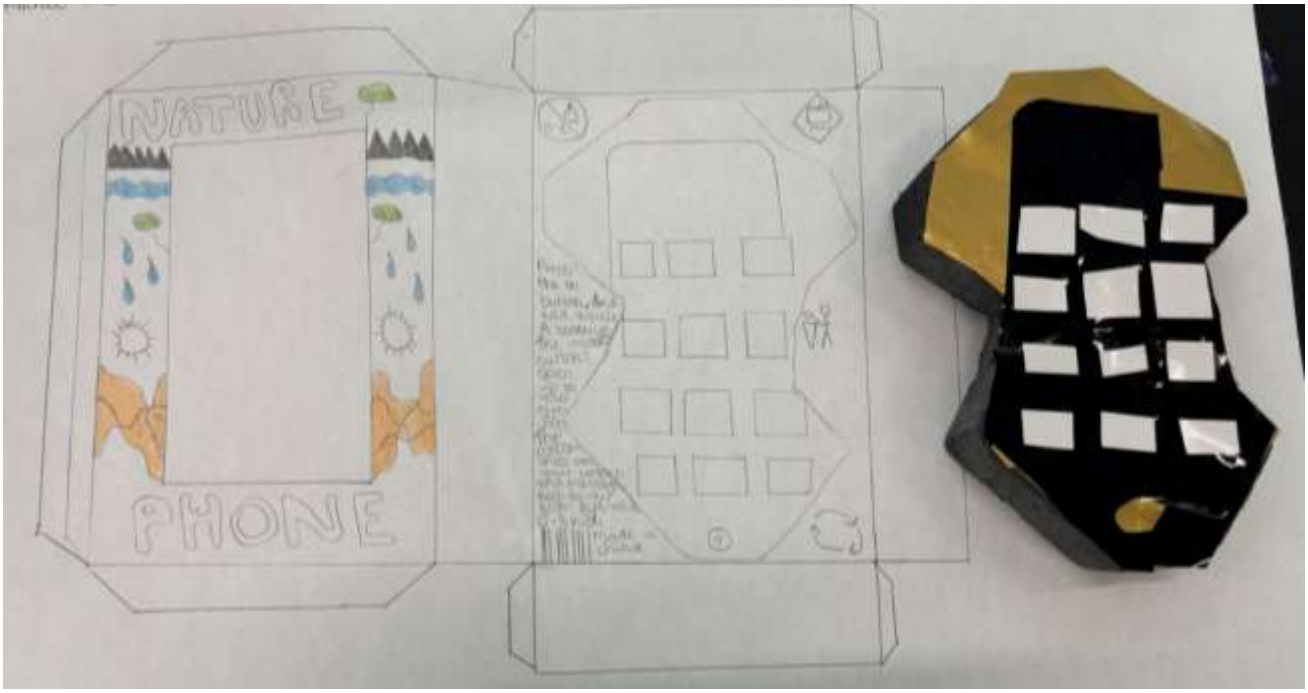
1. high in mercury fish: avoid fish like shark, swordfish and king mackerel, which can be harm
2. raw seafood & meat: can harbor bacteria and parasites that pose risks during pregnancy.
3. unpasteurised dairy products: soft cheeses and milk containing listeria leads to infections
4. processed meats: cold cuts, deli meats and hot dogs should be avoided unless heated
5. caffine and alcohol: limit caffine intake to 200 mg per day and avoid alcohol entirely

Scarlett L

Mrs Petch

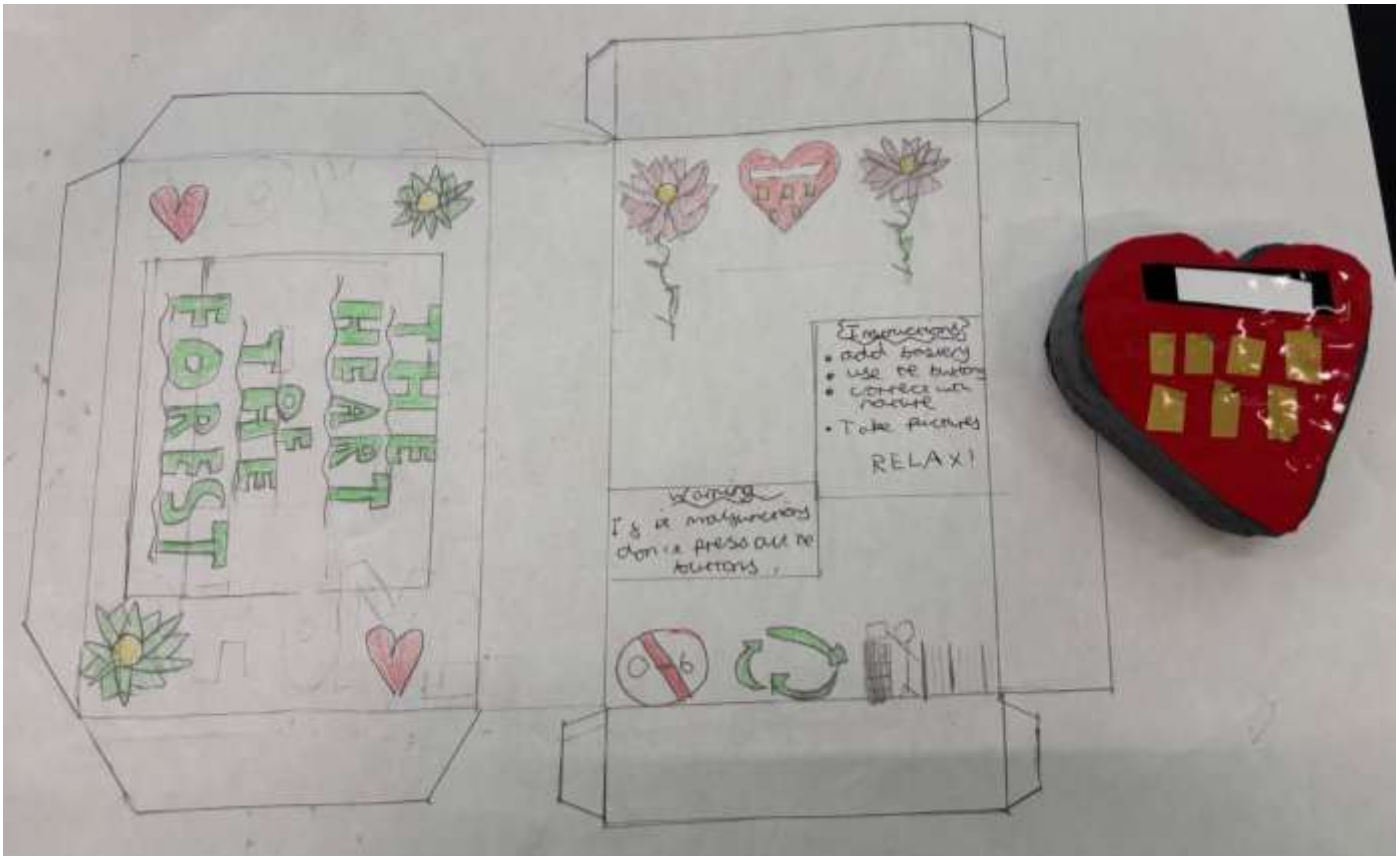
Year 7 have been making hand held technology products using different tools and machinery.

Here are some excellent examples.



Annie G

Olivia B



Poppy P

Some fantastic Year 10 work researching existing products.

Existing products

Page 3

This product is simple, small and fits the required storage items, however it does have a clear lack of storage, while it may fit different items it can only store few of these at a time, for instance the pen holder only has four slots so its sadly lacking in that aspect, the colours are dull and simple, yet they fit the design pretty well, the type of customer who would buy this is someone who needs extra storage for a small amount of things, perhaps at an at home office. I think the product would last a time, yet it seems to have weak and flimsy parts that could easily break

This design is very efficient and effective, it has a smooth appealing material and stores lots of stationary, however it lacks the large storage the client needs, the material does not look recyclable or biodegradable, its cheap and most likely easily breaks,

This design is quite interesting, the short stocky hexagonal shapes provide many interesting storage/transportation and placement possibilities, there's lots of storage for different things however it lacks space to store things that are too wide/big, atheistically I love the design and colouring, its simplistic, plain and would fit in a classroom, the fact its made of wood means that it can be recycled into pulp, it can biodegrade into the wild safely and its easy to make thanks to its simple shape, the wood looks renewable and cheap

This design is extremely simple and plain, the wood is cheap and most likely flimsy, its renewable since it can be made into new pulp, the storage space is lacking – even for small things, which doesn't fit the criteria, it seems biodegradable enough

ply be

ugh

Overall the majority designs seem to share the same issue, not large enough storage, and the one that does is lacking smaller stationary storage, the first design is smooth but the colour is bland and the materials look flimsy, the second design is amazing yet lacks large storage, has an easily broken material that is hard to recycle, the third design has lots of storage, different options for different things, and is made of a cheap, yet durable wood that biodegrades, yet lacks sturdy support for large items, no 4 is way too simple and small, I want to say bamboo wood but it looks flimsy and weak, and lacks storage, in the end number 3 is my favourite as its fits all criteria and with tweaking could store larger items, the honeycomb shape allows possibilities for stacking on top of or next to each other, making space more efficient

8552

Harry Beal 7010

Harry B

Existing products

This product looks thin enough to be in a corner or a tight classroom space. It could be used to store reading books or water bottles or other stationary items. The type of customer who would buy this product is a teacher or school with smaller classrooms this would be necessary because they could not fit in large cupboards or shelves. I think that this product would last for at least 5 years before needing new bearings for the spinning shelf. The product could be recycled or reused to make a freestanding shelf. I think that this product is safe because it is well balanced and unlikely to fall over. This product is made from wood and metal bearings. it functions by having a wooden base with a bearing in the base with a metal shaft through the middle the shelf then slides over the metal rod allowing it to turn similar to a lazy Susan

Page 3

This product looks as though it would be in a secondary school classroom or home office, the colours are simple and have a clean aesthetic. The type of people who would buy this product are secondary schools or home office workers especially for those who are disorganized or those with messy desks. I think that this product is recyclable because it is made of renewable wood and eco friendly wood glue. I think that this product would be safe because it is unlikely to break easily. The function of this product is to organize messy desks and make stationary easy to find in a classroom. I think that this product works well because it has many areas for storage and organisation.

The aesthetical properties of this product are simplistic but functional with an easy to put together design. It has multiple storage areas which could be used for pens and pencils, folders and paper storage in the drawer and underneath This product is made from wood usually ply or another easy to work wood. The type of customer to buy this product would usually be a teacher or an office worker. This product is sustainable because it is mane out of renewable resources and should be recycled at the end of its life.

This product looks large and fit for storing books or stationary supplies the colours are of an oiled wood and the drawers are of the primary colours. The type of customer that would buy this product is a primary school teacher or an early ks3 teacher. I think that this product is sustainable because it is made of recycled wood however the drawers are not because they are made of plastic

My favourite design is the rotating shelf as it can fit in small spaces whilst still having a large amount of storage

8552

Kieran B

Existing products

Good for younger children and so perfectly meets my target market and can be used by other people too. Plenty of different storage compartments, they ae simple shelves in the shape of a man, can be simply made from wood and hold plenty of books and paperwork. Its naturally quite heavy due to the large storage size. Can be moved to different walls but with high difficulty, not build in. It looks like it would be expensive and simple to put together should you have enough time.

8552

This is a simple shelf cut to be a simple unique shape with no full sides so would have to be built in. Storage is the same as an average shelf with low storage space with a simple design, I think this is strong however as it is affective and easy to build. Isn't the strongest and could fall. It fits for the target market, but the product is not as reliable or effective, nor is it advanced enough.

Unique tree shaped design capable of holding plenty of books, paperwork, and other small items. This fits the target market due to its unique design and plenty of storage, it could be dangerous due to possible standing issues so will need something to hold it up like connecting it to a wall. It's good for a place full of young people. Can be moved but would have to be careful.

Good for younger children and so perfectly meets my target market. Can be used by other people too. Plenty of different storage compartments with simple draws. It is made with a fun and straightforward design. The materials consist of simple timber and hold plenty of books and paperwork. Its naturally quite heavy due to the large storage size. Can be moved to different spots, not build in. It is expensive and is difficult to put build. It fits

This shelf meets the target market however not the things it's needed for. It is simple and strong but also expensive for what it is. It is good in a classroom if you need to keep important things away from young people however the draw while hidden does not look very stable.

Joshua G

Existing Product

This product is sustainable as it is made from timbers that are rounded and are soft that may have to be child friendly as children need to be able to access.

The product is sitting on wheels which allows it to be transportable as it can be wheeled around easily

The product is made from a cheaper timber that may be:

1. Beech
2. Pine

The product has met clients needs as it has been used for storage of children's books, as it is able to put them on display and have them at an easy access meaning anyone can just take a book off the rack

The product isn't very aesthetically pleasing as its just a plain colour with no design. However, its quite sloped therefore the sides are using less timber as the shelves increase higher.

The product is quite small therefore it can be transported easily. As it is a decent size it can be perched on any flat surface like desks, cabinets, counters and more.

This product is sustainable as it made from renewable resources, this explains to us that it can be recycled into other products or it can be repaired.

This product has a unique design and seems as if it may have been made for someone who is interested in modern items and things that are extremely complexed, therefore it has met aesthetic needs.

This product is needed to store items like books and any containers, it can also be used for much more, however this customer has used it for books and folders.

This product has rounded edges and appears finely waxed.

8552

The product isn't too large as it needs to be transportable meaning also not as heavy, in case when being carried the person doesn't drop it.

This product has small drawers that can be pulled out and used for storage of possible pens, rubbers and pencils or any type of stationary.

This product is sustainable as it is waxed and has gentle, soft and child friendly edges. It is also quite aesthetically pleasing.

The product is made from softwood that is not too expensive therefore it is affordable.
It is also the right size for being placed on any work desk or counter.

The product has met the clients needs as it has been used as a place to store stationery and folders for their possible workplace.

This product is sustainable as it is made from renewable materials that can be recycled into something else or can be reused for other type of products.

The product looks quite large and may be fit for storing books or stationery supplies, the drawer's colours are quite vibrant as they need to be colourful as they need to be appealing for children of young ages.

The product has nicely sanded edges that have then been smoothed and finished for the product to then be used by children that won't injure themselves.

This product is fit for teachers that assist younger children aged 5-11

The product also has a particular design that has easy access to the user's belongings and is very practical.

Sophie H

Year 12 have been learning how to use CAD to develop designs.

This is my first development it is a stall that can be flipped to act like a step ladder and has an anti slip checkered plate for safety.

This is my second development, it features a divider/ organiser in the base with 3 different sized sections for a variety of uses.

This third development has a checkered steel plate as a step so that your not stepping up so high risking a trip or fall, It also has cup/can holders for stuff such as WD-40 or other lubricants.

Development 3

Conclusion:
I think that my client will like developments ive done as it helps them complete day to day work much easier, whilst being safer and more comfortable. Client: I like all of these developments as they will assist my work and help store all of my tools local to me and help low height working as well as higher height because of the step ladder addition.

This is the fourth and final development and it features a slightly thicker seat for comfortability during day to day use and long periods of time sitting, It also has a draw for extra storage for lighter weight tools.

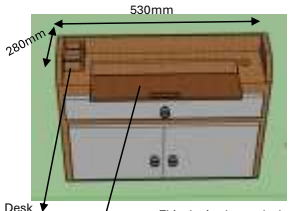
specification	Design 1	Design 2	Design 3	Design 4
1.function				
2.function				
3.size				
4. size				
5. materials				
6. materials				
10. safety				
11.safety				

Henry G

Specification	Design 1	Design 2	Design 3	Design 4	Design 5
Function 1					
Function 2					
Materials 1					
Materials 2					
Size					
Features					
Safety					

Client Review:

- Design 1 : My client liked the aesthetic on how the product is going to look like when it is made, if he wants it .
- Design 2 : He likes that this development has a handlebar, so it is easier to control when moving, also likes that is has wheels.
- Design 3 : He doesn't really like as it is just a pullable desk out the top of it with a desk organiser and that is the best it can really do it can't even move about.
- Design 4 : He like that there is attachments on the sides for certain things but doesn't like that it is the smallest change.
- Design 5 : He likes that the storage in the design can be more organised, but again it is not a really big change from the original design

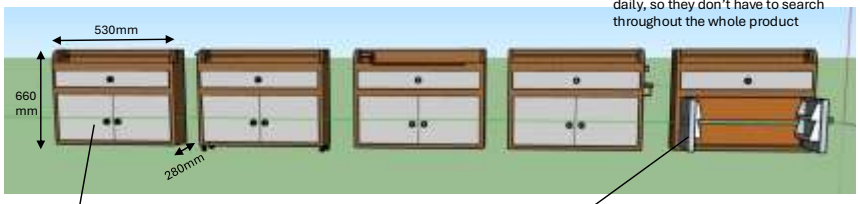


This design has a desk organiser, so my client doesn't have trouble finding things that he would normally use, a piece of the top side that can be pulled out to make desk.

Development 2

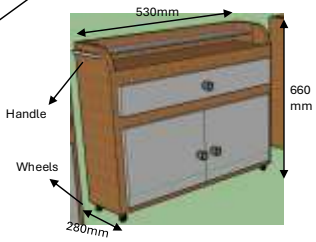
This design has attachments on the side of the product like netting to hold certain items, the hangers can be used for jackets or coats

This design has extra storage compartments in the cupboards on the product for items that they might need daily, so they don't have to search throughout the whole product



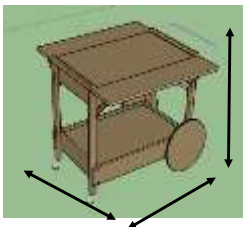
Conclusion: These developments aren't good as they are small changes, but my client likes the idea of attachments for the product and again he likes the one that can move about but the rest he seems to not like the best as they don't seem that it will help him that much in his daily life.

This design has a handle for easier control when moving the product and it also has wheels, so the client doesn't have to carry the product to the rooms he needs it in



Jacob H

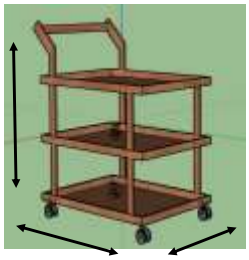
Development 2



The first improvement I made was introducing a circular frame structure to enhance the overall aesthetics of the product, making it more visually appealing and modern. Within this frame, I added storage compartments using chequered plate material, which improves grip and prevents items from slipping during movement. However, although this design improves appearance, it may not be the most practical for my target user, as the curved structure could reduce usable storage space and make manufacturing more complex.

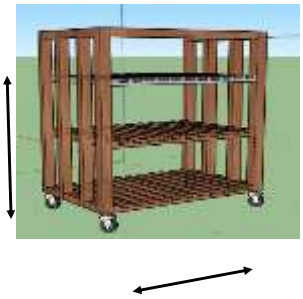
1. Safety	✓	✓	✓	✓	✓	✓
2. Function	✓	✓	✓	✓	✓	✓
3. Materials	✓	✓	✓	✓	✓	✓
4. Size	X	X	X	X	X	X
5. Features	✓	✓	✓	✓	✓	✓

These developments show an iterative design process, where ideas are tested, evaluated, and refined based on client needs, ergonomics, and practical manufacturing considerations.



For this improvement I have went on and added more storage compartments for my client. I have also removed the two large wheels from the back and added more 360(°) caster wheels for both the back and front. For the tray design I have used plywood with staining to it for aesthetics, Miter joints and screws will be used on the corners of this design to ensure safety that they will not degrade overtime and improve client safety.

This led to my next development, where I removed the circular frame and focused on a more traditional, rectangular structure. This design is more suitable for my client as it maximises storage capacity and is easier to manufacture using standard timber sections. I also improved mobility by adding two 360° swivel castor wheels at the front and two larger fixed wheels at the back. This combination improves stability and weight distribution, making it easier for my client, who suffers from back pain, to push and steer the product safely.

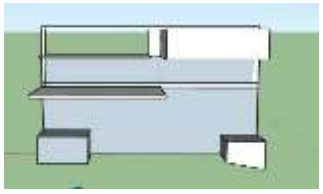


On the final improvement I have made the trolley smaller for storage for my client as they asked for in the questionnaire . I have also removed most of the miter joints from the earlier development and added more finger joints for the frame. This trolley can also act as a stool if the clients back problems continue.

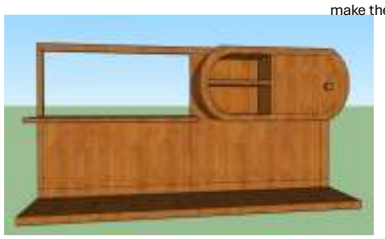
Client Client – The design looks very practical and I like the amount of storage it offers. The height seems suitable for me and should help reduce bending, which is important for my back pain. I would prefer softer handles for better grip

Zane M

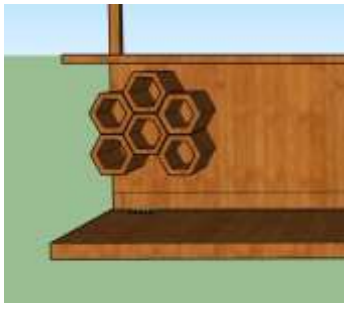
Development 2



This my first development desgin I have added a foldable tabletop, so it works as a workspace and a storage space at the same time . This makes my product sligtly for mulitfuctional but ny client said it looks rather plain and could be more multifucntional . The materils I would use for the making of it would be pine as my main material its cheapest to source. For to table to fold up and down I would use hinges to to make them fold in and out



This is my second development design compared to my previous desgin it looks a lot better and a bit more creative I have added another storage space in the form of a cubby shelf to put items that he uses for work such as books laptops , etc. I am still going to use ther same material pine ot make the cubby but I would use acryllic to make the cubby door to that it would look more asthetically pleasing and help my cleint eslely see where he has placed stuff making him more effecent at working I would make the shelves out of [ine as well so they can commodate for heavier items such as laptops and text books. And for the curved parts I would use flexiply.



This my third desgin development idea on the photo u can see that I have added a honeycomb shelf to store smaller and more loose items that are likey to get lost in larger storage areas. Because the desginni hexagonal I would have to use a different joining method rather than butt joints I would have to use a mitre joints as they can be angled to fit in a hexigonal shape.

This is my fourth design development this is where I included a drawer system inside the table itself to create extra storage without making and extra shelves or tables saving space and extra cost whilst it being creative. I use drawer slides as drawer runner may be too big fit into that thin gap and it would be able to mave in and out smoother.

This is my firth development design compared to my previous desgin it to make it look athetically better than it being a plain flat edge .However this can still be imporved by making a more complex desgin out if it such as making a wavey pattern and any other intrcute desgins.

In conculsion the developments have mad emy product more complex and useful for my client as he has thinks that its very useful and can store a lot of things without taking up a lot of space, he likes the idea of a drawer inside the table and the honey come storage space and thinsg its very creative however athetically overalll he things more could be done to it to make it look more appealing which I would take into consideration during protoyping and development .

Specification	Desgin 1	Desgin 2	Desgin 3	Desgin 4
Cost				
Astheticcs				
Enviroment				
Size				
Ergonomics				
Function				
Target Makert				

Daniel R-O

Mrs Munday

In Food Technology Year 7 have been designing packaging for a pineapple and cherry cake. Here are some great examples of their work.

Paige B

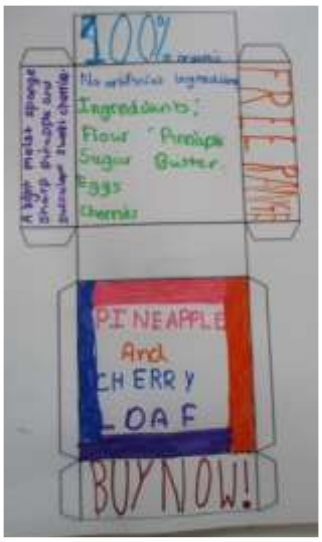
Mckenzie C

Mason A

Teddy R

Noah B

Emilia M

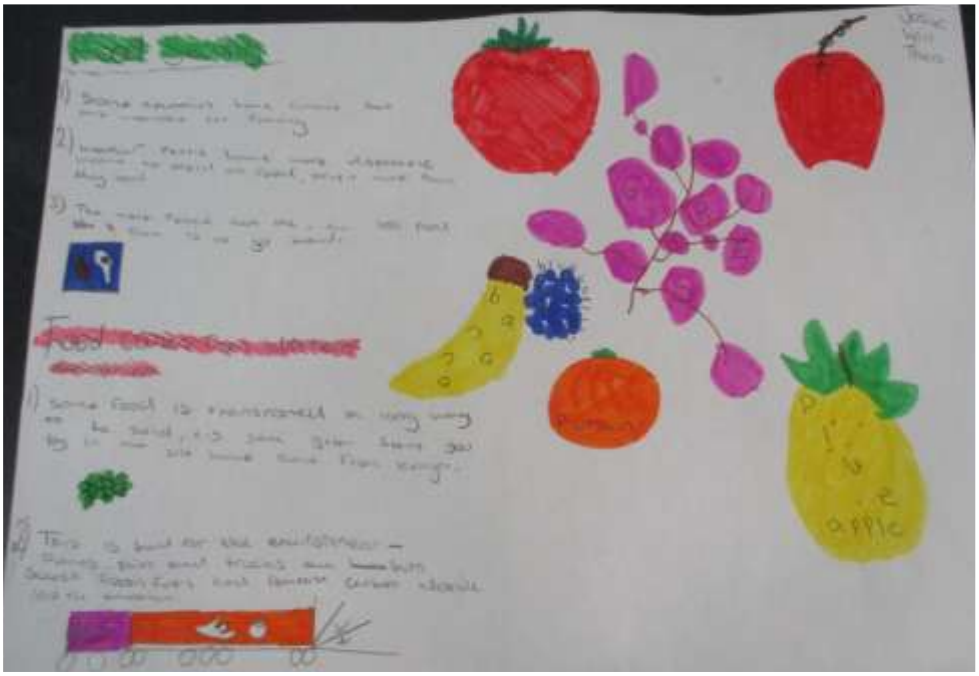


Arthur W

Robyn P

George H

Year 8 have been designing informative posters in teams.



Josie W

Will S

Theo O

Macie S

Amy H

Lewis C

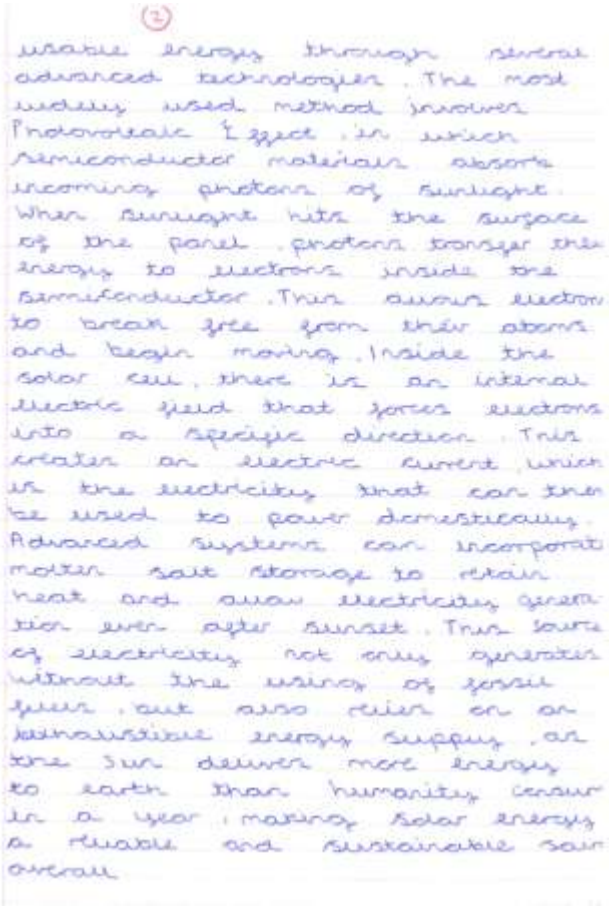
Archie M

Mr Windley

A NEW BLE energy

RESOURCES

Geothermal energy is a sophisticated form of renewable energy that exploits the immense thermal energy stored within the Earths interior. a heat source generated primarily by two processes. residual heat left from the planets formation, and the continuous radioactive decay of isotopes such as uranium-238 found within the crust and mantle. The internal heat flows outward toward the surface through conduction and convection, creating regions where subsurface temperatures become extremely high, particularly near tectonic plate boundaries, volcanic systems, and areas with thin crust. In such regions, groundwater infiltrates through permeable rock layers and becomes heated, forming geothermal reservoirs composed of pressurised hot water and steam trapped beneath impermeable cap rock. By drilling deep production wells, engineers can access these reservoirs and channel the high temperature



(2)

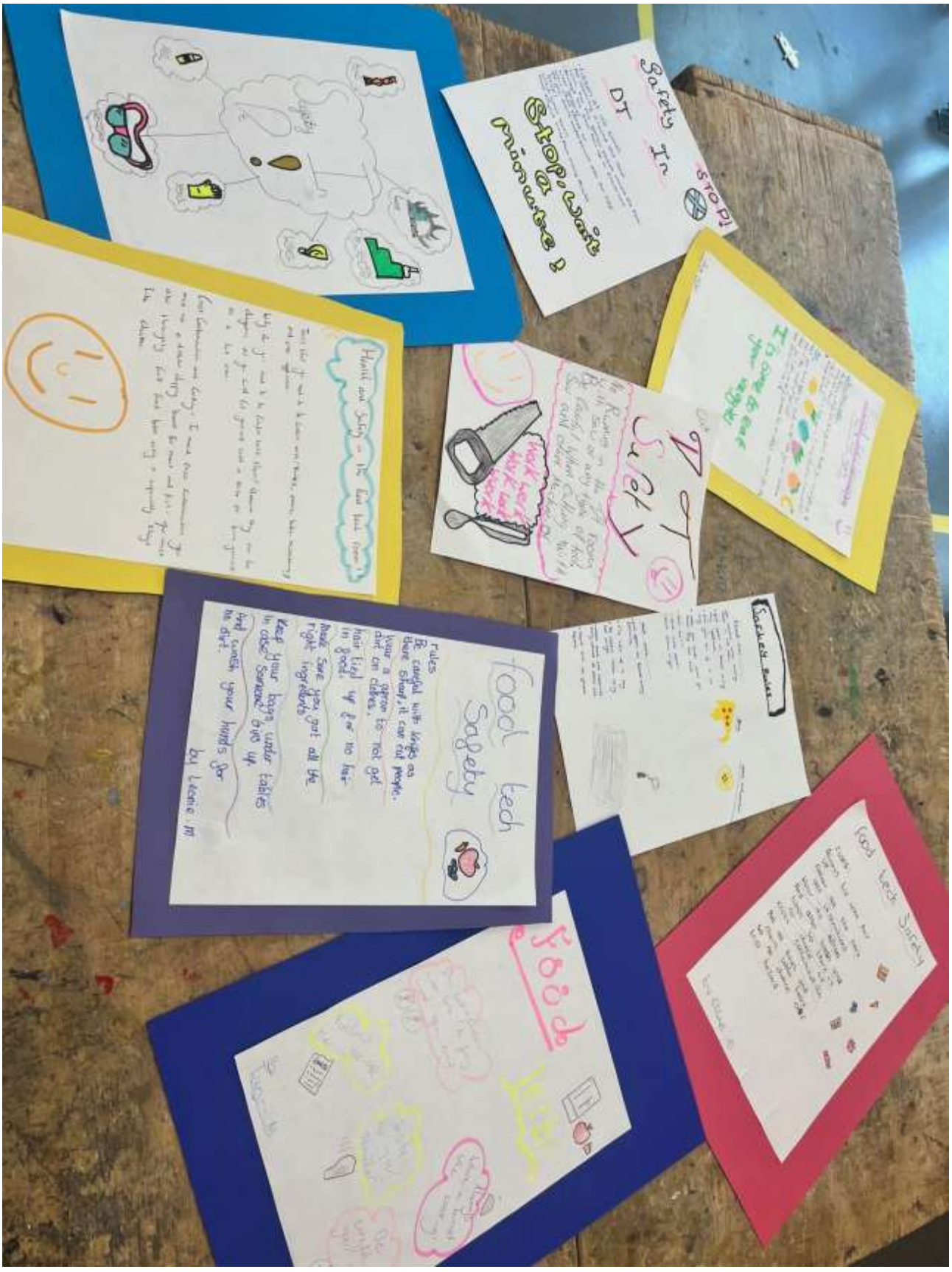
usable energy through several advanced technologies. The most widely used method involves Photovoltaic Effect, in which semiconductor materials absorb incoming photons of sunlight. When sunlight hits the surface of the panel, photons transfer their energy to electrons inside the semiconductor. This causes electrons to break free from their atoms and begin moving. Inside the solar cell, there is an internal electric field that forces electrons into a specific direction. This creates an electric current, which is the electricity that can then be used to power domestically. Advanced systems can incorporate molten salt storage to retain heat and allow electricity generation even after sunset. This source of electricity not only operates without the using of fossil fuels, but also relies on an inexhaustible energy supply, as the sun delivers more energy to earth than humanity consumes in a year, making solar energy a reliable and sustainable source overall.

Fantastic homework by Matilda M in Year 9

Mr Capeling

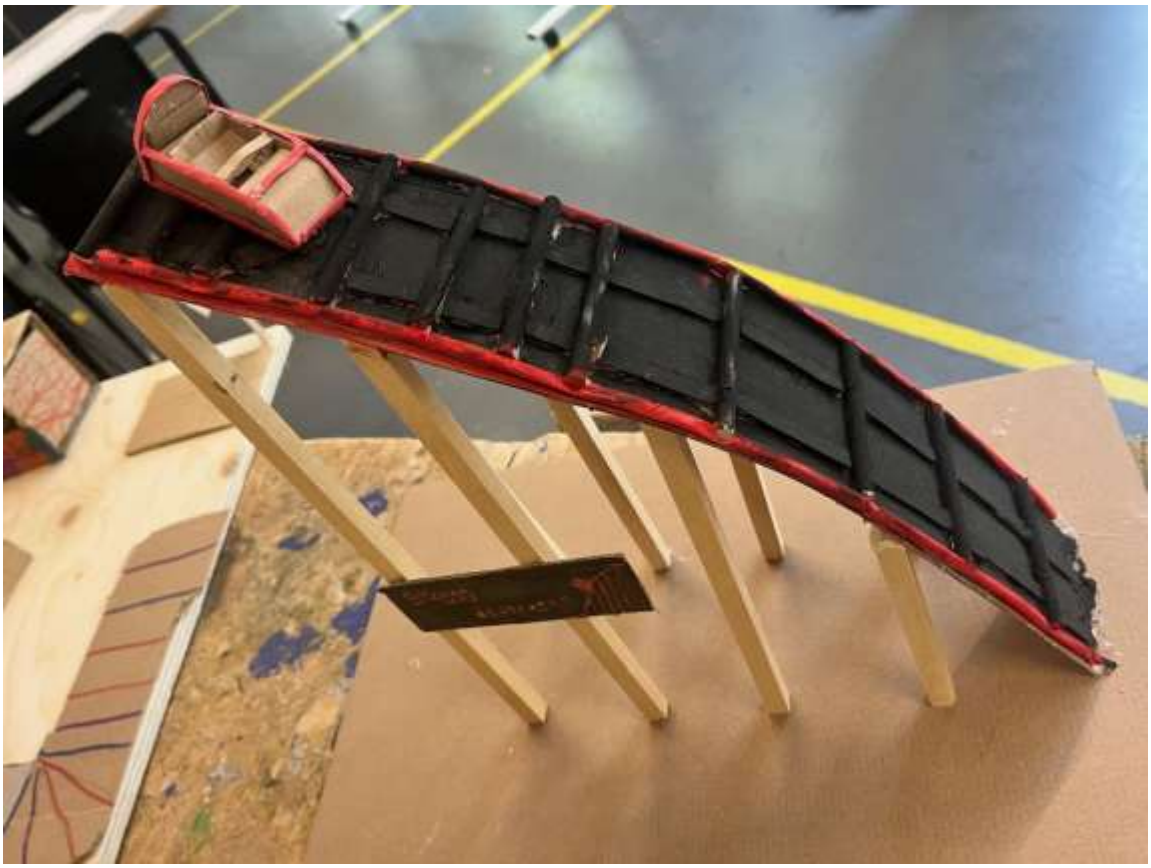
A selection of exceptional work from year 7 and 8.

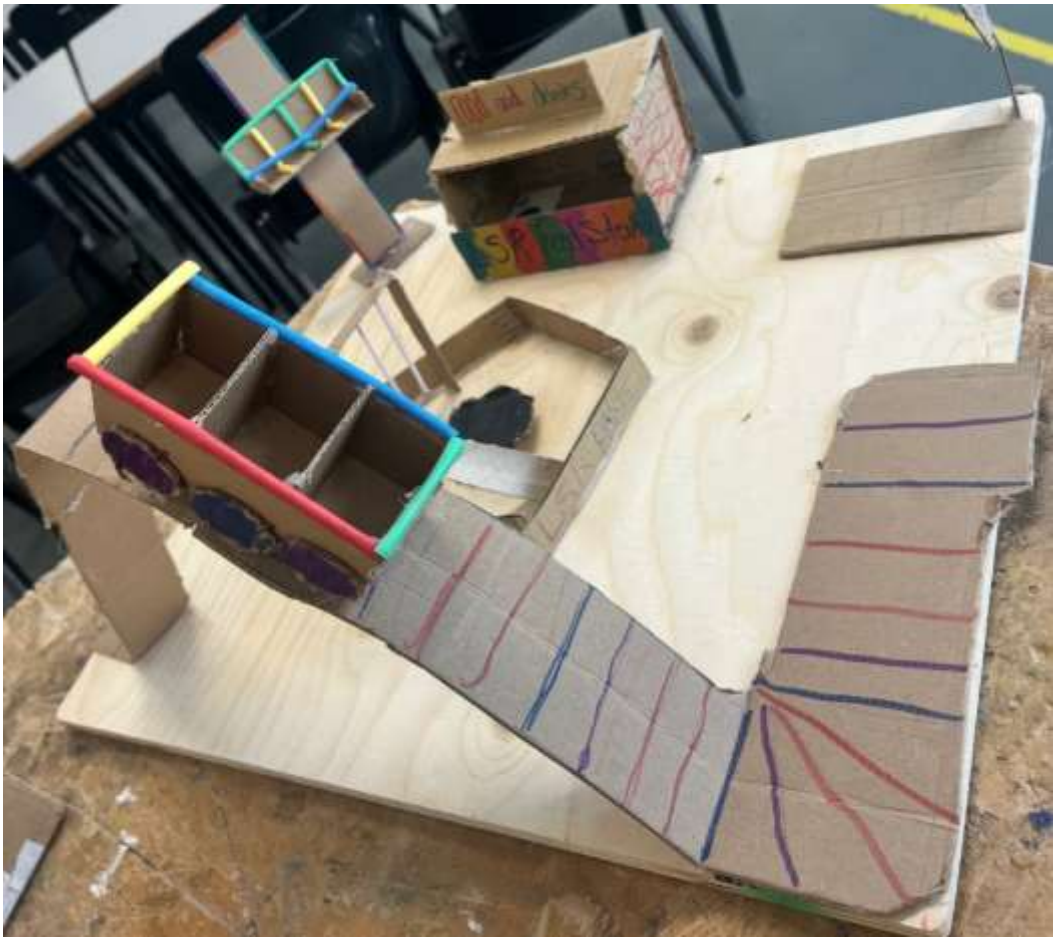
Year 7 have created some display pieces showing off the health and safety rules they have been taught within the DT department, everything from using machinery to food hygiene was covered.



Graphics projects in year 8 show wonderful layering and rendering skills.

Year 8 moved on to show off their abilities in 3-dimensional modelling creating wonderful theme park rides using a range of crafting techniques.





Ms Dobson

Year 9 have been designing and making swatch watches and packages. They have been creative and shown a cultural theme very well.

swatch
swatch
swatch

HISTORY

CORNWALLIS ACADEMY CLASSROOM CHAMPIONS

CAROUSEL LEARNING

2025-2026 Whole Year Leaderboard

7A1	1. Isabelle Weeden (94%) 2. Lilly Bartlett (93%) 3. Jacob Roberts (79%)	8B3	1.Scott M (78%) 2.Connor L (76%) 3.Dylan S (62%)
7A2	1. Annabelle C (95%) 2. Joey P (90%) 3. George F (90%)	8B4	1.Phoebe D (85%)
7A3	1. Thomas D (95%) 2. Heidi W-S (92%) 3. Poppy P (84%)	9A1	1.Alex B (96%) 2.Matila M (96%) 3.Natasha S (86%)
7A4	1. Emilie C (82%) 2. Olivia P (82%) 3. Woody F	9A2	1. James H (84%) 2. Maja C (74%) 3. Abi L (68%)
7A5	1. Mark M (82%) 2. Ade S (51%) 3. Pearl L (50%)	9B1	1.Carlos C (100%) 2. Rowan M (98%) 3. Oscar B (93%)
7B1	1. Iris P (97%) 2. Reuben M (91%) 3. Hugo M (82%)	9B2	1.Henry M (54%)
7B2	1. Thomas Lewis (89%) 2. Paige O (87%) 3. Idunnu O (79%)	10A1	1. Alina P (93%) 2. Mia H (92%) 3. Melissa N (88%)
7B3	1. Bella W (86%) 2. Sienna R (75%) 3. Leonie M (71%)	10A2	1. Matas S (88%) 2. Millie R (74%) 3. Leo N (72%)
7B4	1. Keira G. (36%)	10B1	1. Amber S (95%) 2. Darcie O'S (93%) 3. Caydence P (91%)
8A1	1. Dominykas V (97%) 2. Andris I (92%) 3. Harry C (80%)	10B2	1. Noah M (78%) 2. Armela S (68%) 3. Sophia R (67%)
8A2	1. Lili M. (93%) 2. Callum C. (69%) 3. Lucas P (61%)	11A1	1. Daniel D (98%) 2. Katie G (91%) 3. Jason C (89%)
8A3	1.Sophie P. (64%) 2.Ernie K (63%) 3.Jacob C. (51%)	11A2	1. Tyler P (77%) 2. Izzie S (77%)
8A4	1. William B. (59%) 2. Oscar H (47%) 3. Fred-Parker S (45%)	11B1	1. Sam G (91%) 2. Eddie P (91%) 3. Yasin B (85%)
8B1	Lukas B (95%) Harry B (88%) James P (76%)	11B2	1.Shola M (92%)

8B2	1. Millie H (87%) 2. Luke E (83%) 3. Caelan CG (78%)		

Mentioned in dispatches …

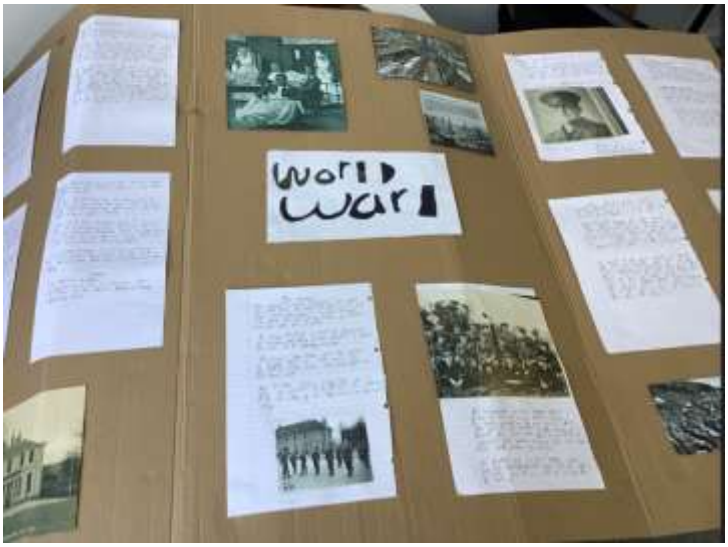
Mr Lewis
Great attitude **Toby C** **Idunnu O** Great assessment progress **Harry C** **William B** **Fred - Parker S** **Thomas D** **Maya P**

Mr Finch
Great attitude **Brooke O** **Phoebe M** **Honey M** Great assessment progress **Ivy G** **Hugo M**

Mr Howard
Great assessment progress Emilia M William C Violet D Lukas W Jasmine W Imaya H Ruby W Elsie C Katie K Ella-Rose F Matilda M

World War One Maidstone History projects

Winners	
Overall winner Sophie M	
Best researched	Ted T
Best presented	Elsie C George H
Most creative designs	Frankie B Mason Q Jacob C


World War I

Arthur Cumberland

THE
FIRST WORLD WAR

1914 - 1918

Soldier Profile

MAIDSTONE WW1
The Queens Own Royal West Kent Regiment
Maidstone played a vital role in World War 1.
Around 6000 men served in 18 battalions.
many local men never returned.
Maidstone played a key role in recruitment
NINTH SUPPLEMENT
The London Gazette
Published by Authority
Are YOU in

Modern Foreign Languages

Numéro 6 / Número 6

CORNWALLIS ACADEMY CLASSROOM CHAMPIONS

Le français

Year 7

- William C.
- Toby C.
- Violet D-S.
- Izzy J.
- AJ W.
- Alex C.
- Tilly N.
- Joey P.

Year 8

- Katie K.
- Frankie M.
- Cadence W.
- Daisy B.
- Oliver R.

Year 9

- Emilijia S.
- Chloe F.

Year 10

- Cody H.

El español

Year 7

- Henry G.
- Sienna R.
- Thomas H.
- Poppy P.
- Tommy H.
- Emilia M.

Year 8

- George H.
- Lacey-May B.
- Oliver D.
- Amelia T.

Year 9

- Alex B.
- Layla-Mae B.
- Freya S
- Alex S.
- Matas M.
- Darcy A.

Year 10

- Pheobe C.
- Emilia D.