

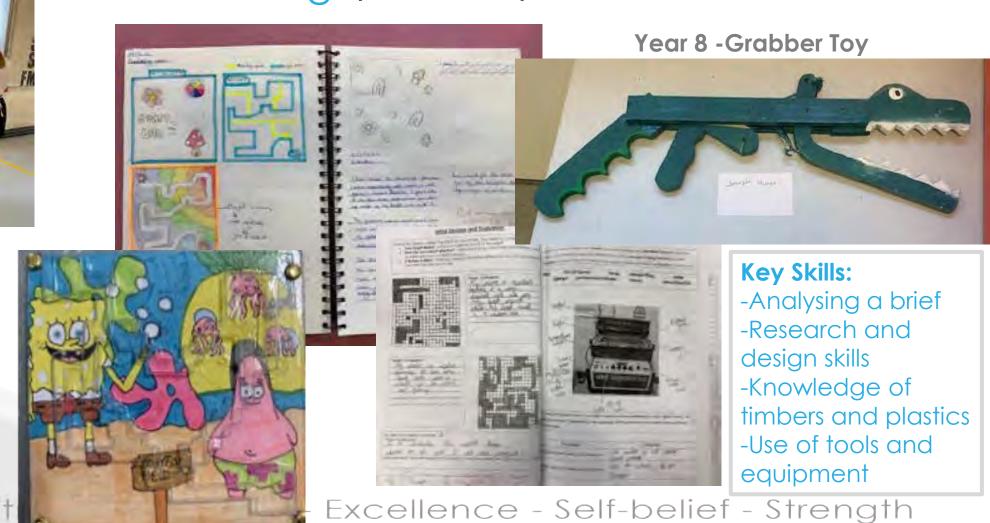
Parent Forum November 2024

## Induction Phase

Induction Phase- Rotations each term

Product Design/ Textiles/ Food

Year 7 Maze Game



#### Induction Phase

Induction Phase-Rotations each term - Product Design/Textiles/Food

Year 7 Keyrings/Bookmarks







Year 8 Pencil Cases & notebooks



- -Analysing a brief
- -Research into artists and designers
- -Knowledge of fibres and fabrics
- -Decorative processes
- -Use of tools and equipment



## Induction Phase

Induction Phase- Rotations each term Product Design/ Textiles/ Food





**Year 8 Food Around** the World



- -Knife skills
- -Nutrition
- -Tools and equipment
- -Organisation for practical lessons
- -Development of independent and teamwork skills







# WJEC Level 1/2 Hospitality and Catering

# 60% Controlled Assessment

This is set in September of Year 11 and includes planning and making a meal

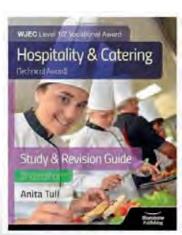
**40% Written Exam** 1hr 20mins

#### How to support your child:

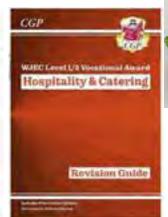
- -ensure they are revising the exam content regularly
- -to remember ingredients
- -encourage them to attend support sessions when offered













Commitment - Respect - Excellence - Self-belie

# AQA GCSE Art & Design 3D Design



**60% Portfolio** 

This is made up of a range of projects

**40% Exam** 

10hr final practical exam

#### How to support your child:

-ensure they are researching and drawing at home -keep to deadlines -read through their annotations and evaluations -encourage them to attend support sessions when offered



# Edexcel GCSE DT-Timbers



#### 50% NEA (coursework)

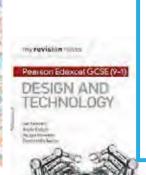
This is set in June of Year 10 through to March of Year 11

**50% Exam** 

1hr 45min written exam



# GCSEDESIGN 6TECHNOLOGY REVISION GUIDE Suitable for all GCSE Speciminations (Greener 1-1)



- Add subject to My Altreday

# Common misconceptions:

- -Not just about making -Lessons are 50/50 theory and skills -Specialism is Timbers but knowledge of wide range of material areas required for the exam, papers, plastics, fibres, sustainability, CAD/CAD, electronics etc.
- -Maths is very important, in exam and NEA

ENCINCENTIAL PRINCIPANT AND EDUCATION OF

#### How to support your child:

- -ensure they are regularly revising
- -keep to deadlines, especially NEA
- -Encourage them to practice drawing/ designing at home







elf-belief - Strength

# OCR Cambridge National Engineering

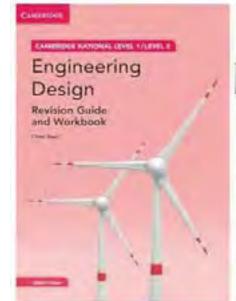
Design

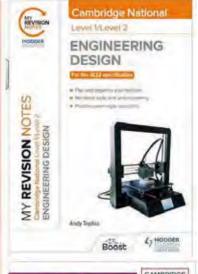


**R038-** Written theory exam 1hr 15mins

#### R039 & R040

Coursework units, briefs set by the exam board each year. One submitted in Year 10, one in Year 11









#### How to support your child:

-ensure they are revising theory knowledge regularly

-keep to deadlines for the units-encourage them to attendsupport sessions when offered

ct - Excellence - Self-belief - Strength

Eduqas GCSE Art & Design-Textiles

#### **60% Portfolio**

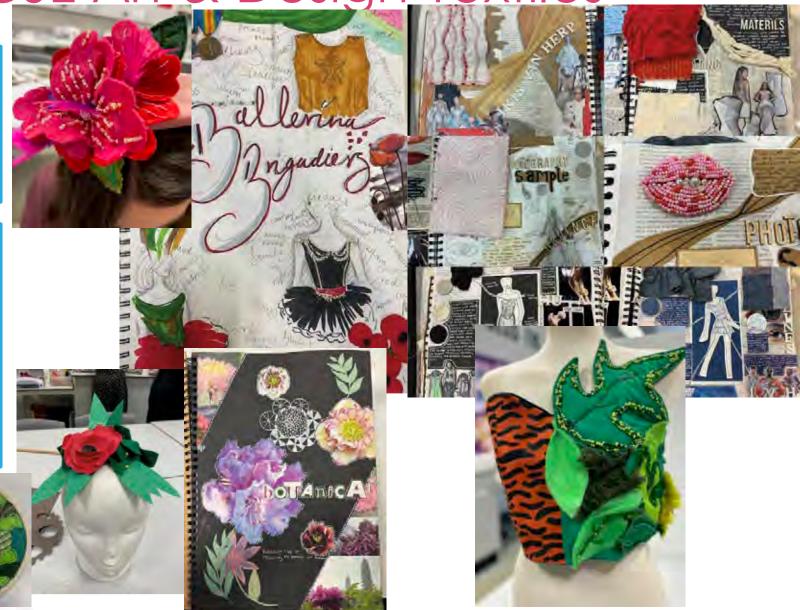
This is made up of a range of projects

**40% Exam** 

10hr final practical exam

#### How to support your child:

- -ensure they are researching and drawing at home
- -keep to deadlines
- -remember their equipment and sketchbooks
- -read through their annotations and evaluations



Edexcel A Level Product Design



50% Coursework

This is a project selected by the student

**50% Exam** 

2hr 30min written exam

#### How to support your child:

- -ensure they are regularly revising
- -keep to deadlines, especially coursework
- -Encourage them to practice drawing/designing at home
- -Encourage them to use the department in study/free time



#### Level 3 Cambridge Technical Engineering

# How to support your child:

-ensure they are regularly revising for exam units -keep to deadlines -Encourage them to practice processes and skills at home -Encourage them to use the department in study/free time and support sessions offered

#### **6 Units**

4 Examined Units

**Unit 1-** Mathematics for Engineering

**Unit 2-** Science for Engineering

**Unit 3-** Principles of mechanical

Engineering

Unit 4- Principles of Electronic and

**Electrical Engineering** 

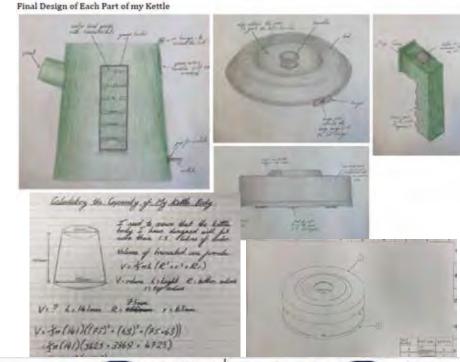
2 exams May Year 12

2 exams January Year 13 (any resits May Year 1313

2 Coursework Units

Unit 9- Mechanical Design

Unit 10- Computer Aided Design







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### Extra-Curricular- South Essex College

Visit to SEC/ High House Production Park Allowing students to understand HE courses and careers and see where Royal Opera House costumes are made/ stored to link to their current project.







# Rubbish Fashion Competition

Year 9 had to research, design and make a costume for a chosen character, with sustainability in mind.



# Hospitality at the Summer Creative









# Extra-Curricular- Crafts Council Competition

#### make a Sustainable tuture with The Eden Project

Our chosen theme:

#### Reclaim and Reuse

Save materials that would otherwise become waste to tackle sustainability, climate justice and making practices from around the world



eal ideas of what

How we started: We generated lots of different mind maps with our individual ideas of what "Reclaim and Reuse" meant. Then we talked about it and came up with our final mindmap below.

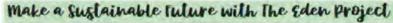




As we live by the Sea, we decided to look at beach waste and ocean pollution. We know plastic getting into our Oceans is a big problem, so we thought we could base our project on this.

We were inspired when we found out Addides made trainers from recycled Ocean plastic!!!!







**Our Idea:** We decided to use plastic waste from the oceans, recycle it and put it to good use! We collected 100s of bottle lids and experimented melting them, moulding them and turning them into slabs of plastic. We then decided we could use the slabs to make a 'tiatpack' homeless / disaster shelter.



Gur 4c519th. We all came up with lots of design ideas and sketches. We decided to keep it simple and have 4 sides, a base and a roof, which fitted together tike a puzzle. The front and back would slide into place so people could get in and out of the shelter. We designed our finally idea on CAD and made some templates to help us piece the plastic together properly.

We decided to make a small, scale model of our design as a full size one couldn't be made in our school oven!







# CREST

# Extra-Curricular- STEM CLUB

# REIMAGINE

Clean Energy Competition 2024

#### What is CREST?

CREST is a scheme that inspires young people to think and behave like scientists and engineers.



We created a people power vest with charging port power pack connected to the 2 types of pad - made from piezoelectric and thermoelectric generating materials. The pads will be constructed into vest at key heat or pressure points



