Please choose a homework to complete and hand in to your design and technology teacher. Make sure your name, the task and points available are clearly labelled. Challenge yourself and try your best! All points collected will go towards department rewards and the Eisteddfod. Pob lwc!

List and explain 5 different types of materials you may use in DT.

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Draw a diagram for any item of equipment in the workshop including any health and safety regulations

Go and explore and draw a picture while amongst trees/ woodland.

Watch The Repair Shop on BBC I player and identify and list the tools and skills used. Define the term sustainability and explain the relevance of it in todays world. X O d

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Investigate the term ACCESS FM and create a poster which explains the key terms

Create a comic strip on the 'Dangers of the DT workshop' Create a prototype of phone holder using card S

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Research native Welsh trees and explain the some products that could be made with them.

Create a game using recycled material from around the home. Ask for parenteral permission first!

BLWYDDYN 7

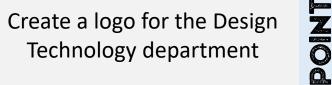


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G WA ITH HOME WORK



Draw a diagram for any item of equipment in the workshop including any health and safety regulations

Create a poster of the design process

Research different types of wood and present your findings Define what the term sustainability means and how we can / need to use it in product design

Investigate the term ACCESS FM and create a poster which explains the key terms

Create a timeline for the iPhone and include design ideals for the future 'iPhone' Complete a product analysis using ACCESS FM for a product of your choice POINTS

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Create a fact file of a famous designer of your choice including a timeline and examples of their products. Design a product in that style

Create a piece of jewellery to promote Cymru. Include a design sheet and any prototypes you create

BLWYDDYN 8



Please choose a homework to complete and hand in to your design and technology teacher. Make sure your name, the task and points available are clearly labelled. Challenge yourself and try your best! All points collected will go towards department rewards and the Eisteddfod. Pob lwc!

Create a poster describing the difference in properties of thermoplastic and thermosetting plastic

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Create a poster outlining the top tips for being sustainable

Write a paragraph explaining how designers can make sustainable decisions

Research and list different types of plastics. Are they thermosetting plastic or thermoplastics? Write a short paragraph that describes the origin of crude oil, used in the production of polymers.

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Write a short paragraph outlining the differences between thermosetting and thermoplastic polymers.

Create a mood board of plastic products which clearly shows the difference between thermo and thermosetting plastics Create a design brief of your choice and then create a design specification for a product that fits your brief. Make sure you have at least 6 different points and can justify each of them.

Make your own product using recycled materials from around your house. Ask for parenteral permission first!

Find and analyse a product in your house that it made using a polymer. Use the ACCESS FM questioning to help you.

BLWYDDYN 9



3 POINTS