Design and Technology Year 7 - Graphic Design



Autumn Assessment		Spring Assessment		Summer Assessment		
Effort: 1,2,3,4 Behaviour: 1,2,3,4		Effort: 1,2,3,4 Behaviour: 1,2,3,4		Effort: 1,2,3,4 Behaviour: 1,2,3,4		
1 - Exceeding expected target		1 - Exceeding expected target		1 - Exceeding expected target		
2- Reaching expected target		2- Reaching expected target		2- Reaching expected target		
3- Not yet meeting expected target		3- Not yet meeting expected target		3- Not yet meeting expected target		
Homework	y/n	Homework	y/n	Homework	y/n	
Autumn term pupil s	set goal:-					
				Date		
Spring term pupil se	et goal: 			Date		
Spring term pupil se 				Date		

Teacher____

Test Score



KS4 and Sixth Form options and career pathways

WHAT Engineering
WILL Graphic Design
Textiles
Construction
Product Design
Food & Hospitality



Construction, L2 Hospitality and Catering

KS3 Design Technology Learning Journey







Food Practical Explore your culinary skills

by planning and making dishes such as fresh pasta, cottage pie, samosas, lasagne and Victoria sponge.



Make and modify your own amplifier speaker for your mobile phone



Textiles Upcycling Revolution:: Eco festival project













Evaluation: Evaluation and improvements to the functionality and aesthetics of the products





Move around the department on a carousel cycle - You will visit Food, Textiles and Product Design throughout the year, giving you a great taste of things



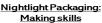




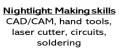








Logo, branding and packaging. Hand skills and digital design





CAD DRAWING



Produce design ideas & technical drawings to help you plan, both by hand and by CAD







Nightlight Working to a design brief

Research, design and develop a working nightlight using wood, plastics and electronics

Nightlight: Make Tasks

Put your design ideas into practice using a range of materials, new tools, equipment and techniques.



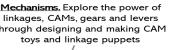
Mechanisms -Pop-up Card Explore

paper engineering and mechanisms



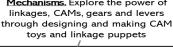
Stitch a Selfie: Drawing with Stitch- Turn your

selfie into an embroidered piece of Textiles.











Computer Aided Design, mechanisms and linkages, machine skills, pattern cutting, transfer printing, tiedye, laser cutting.



Evaluate your outcomes

Modifications, further developments and improvements



CAD CAM Embroidery









Sustainable Design Positive Vibes





Graphic Design An introduction

to graphics colour, typography, logos, branding

Make Task

Bring your designs to life using a range of materials, tools, equipment and techniques to create a prototype of your idea.

Design Task

Design and communicate your ideas through sketching and annotation



Responsible designers, sustainability, materials and biomimicry.







Workshop health

and safety

Introduction

What is Design Technology? Career pathways and the industry

CRITICAL THINKING



	Year 7 Graphic	Des	sig	n End Points
Rese	arch and topic introduction	<u>E</u> \	/alı	uate Sand
diff	ow how to use research including the study of erent cultures, to identify and understand er needs	c		w how to evaluate their products against their inal specification and identify ways of improving
life	ow how to consider the influence of a range of style factors and consumer choices when signing products			w how to actively involve others in the testing of r products
	ow about an increasing range of designers,	<u>Te</u>	ch	nical Knowledge
eng ma	gineers, chefs, technologists and nufacturers and be able to relate their ducts to their own designing and making	C	_	Know how the performance of structural elements to achieve functioning solutions
and	ow how to investigate and analyse the positive I negative impact that products can have in wider world		3	Know about the physical properties of materials e.g. grain, brittleness, flexibility, elasticity, malleability and thermal
<u>Desi</u>	gn and Planning		V	ywords and vocabulary for this project
throu const Know	whow to investigate and analyse products agh disassembly to determine how they are cructed and function whow to use specifications to inform the design provative, functional, appealing products that	<u> </u>	rar	☐ Green - I know these words nge - I have heard but not sure what they mean Red - I have never heard or seen before
-	ond to needs in a variety of situations			☐ Shade ☐ Render
	how to combine ideas from a variety of sources			☐ Text ☐ Font ☐ Logo ☐ Slogan
	how to develop and communicate design ideas annotated sketches			☐ Advertise ☐ Promote ☐ Pop up
	how to produce 3D models to develop and			
comr	nunicate ideas			☐ Front ☐ Middle ☐ Back ☐ Landscape
<u>racti</u>	<u>cal</u>			☐ Portrait ☐ Typography ☐ Tonal range
	w how to follow procedures for safety and erstand the process of risk assessment		⊐c	orporate Identity □ Branding □ Professional
	w how to use a wider, more complex range of			☐ Emblem ☐ Mechanism ☐ Layer
	erials, components taking into account their perties			☐ Foreground ☐ Middle ground
	w how to select appropriately from specialist s, techniques, processes, equipment and			☐ Background ☐ Prototype
mac	chinery, including computer-aided manufacture.			□ Rigid □ Product Life Cycle

☐ Deforestation ☐ Sustainable ☐ Landfill

Date:

Knowledge - Graphic Design - Shading

Control the Pressure!

An easy way to show different values of a colour is to press harder or lighter	your
pencil. The example below shows the progression from light to dark.	

Light	Medium	Dark

Task 1 - Shade in the rectangles with a tonal range from light to dark.

Remember to use coloured pencils and take your time!

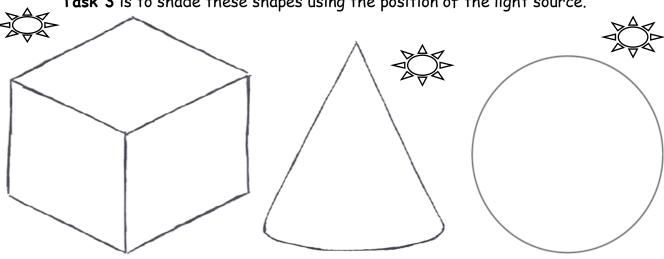
In order to be successful with shading I should – (name 3 things)

- .•
- •
- •

Shading Shapes

It is important to shade shapes according to where a light source is coming from.

Task 3 is to shade these shapes using the position of the light source.



Plus +	
Minus -	
Improve 🌢	

Knowledge ~ Graphic Design -Rendering

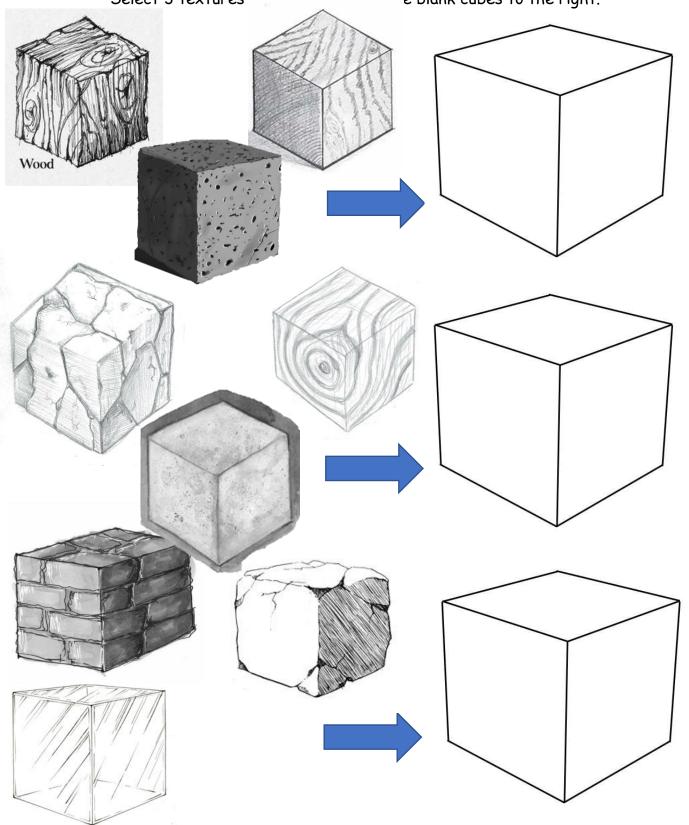


Rendering - creating the illusion of light, tone and texture.

Creating the illusion that the object is made of a particular material.

Select 3 textures to a second of the blank cubes to the right.

Date:



Knowledge ~ Graphic Design - Typography

Date:



Typography is the different style, shape and design of fonts and letters. Try your best to copy each letter in the space below.



GRAPHICS





Date: Knowledge ~ Graphic Design -Logos A logo is a graphic mark, emblem or symbol used to help promote and advertise a company.

This gives the company public identification and recognition. Create 3 of your own word art Word Art Design designs in the spaces below Effort grade 1234

Date

Graphic Design - Logos



Task 1 - Design a new logo for the Cowley Eco club. This could then be used on the school TV screens, website and posters around school. This would help to advertise and promote the work that they do, upcoming events and reminders.

Task 2 - After this, your teacher will demonstrate how to create logos digitally using a computer. This will develop your work further and make them look more professional

Create an imagery word bank to he	elp you come up with ideas	eno.
leaf		energy
	2	
3	4	
/hich logo do you think is you	best idea and why?	
	·	

Graphic Design - Pop up Mechanisms

There are many types of pop mechanisms, we will now go through them and fill in the sheet below.

V Fold Mechanism

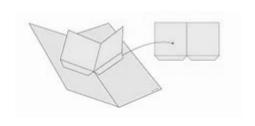
Mouth Mechanism

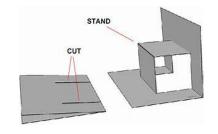
Layer Mechanism

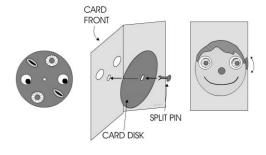
Sliding Mechanism

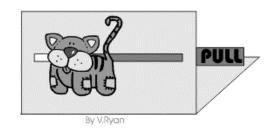
Internal Stand Mechanism

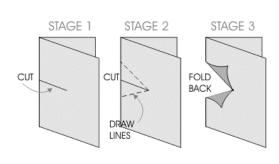
Rotary Mechanism

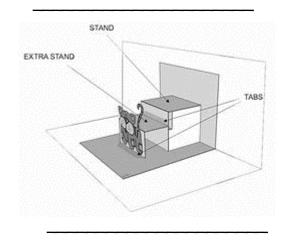












Date:

Graphic Design - Pop up Mechanisms

Produce 2 prototype mechanisms and glue them below	Explain your idea for you pop up card. Talk about what the mechanisms will do.
del	
a Mo	
*466	
CKOL,	
Prototype model	
	Which of the two mechanisms that you tried are you going to use and why?
Name the mechanism	
Name the meenansm	
	
Prototypemodel	Task - Make your pop up card with your final chosen mechanism. Try to be as accurate and creative as possible. Consider Foreground, middle ground and background.
Riot	"Background"
Name the mechanism	pop-up pop-up

Graphic Design - Pop up Mechanisms

Your pop up card can be Landscape or Portrait.

Label the correct name for the positions of the two pieces of A4 paper below

paper A4 paper

Design Brief - To design and make a popup card which has a pop up or moving mechanism. The theme must be to do with a celebration or occasion of your choice.

Use the space below to produce some ideas for you pop up theme.

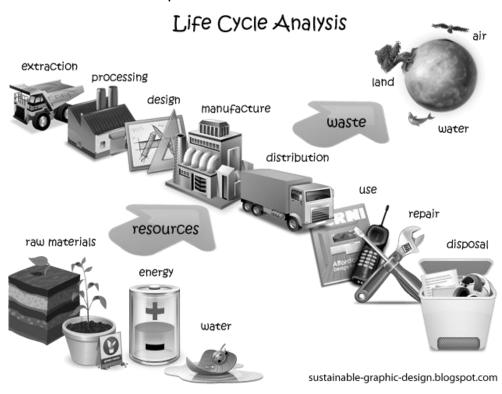
These can be sketches of characters or imagery and ideas of how it will work.



Name 3 pop up mechanisms	What is a target market?
·	3
What is typography? What is a logo?	Why would we use different types of font and typography?
· · · · · · · · · · · · · · · · · · ·	
Why do companies use logos?	Why do we use card over paper for pop ups?
`	
What is a slogan?	Why is colour important in logo development?
Is this portrait or landscape?	Is this portrait or landscape?
\. \	What did you score?/13

Graphic Design - Life Cycle Analysis

Life Cycle Analysis (LCA) is a tool for the evaluation of the environmental aspects of a product or service system through all stages of its life cycle. It basically means the start and end of a product and the affects in between.



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	nk\							
Mord	bank							
V .	Resources	Landfill	Waste	Transport	Habitats	Energy	Pollution	Factories
		Trees		eforestation	Рар	er	Sustainable	

Your teacher will select capital sketch! **D**raw a bubble Quick What does CAD stand or card to make a pop your teacher will give Would we use paper Is this landscape or Which mechanism is Now, consider why Spelling Challenge Landscape/Portrait Paper/ Card you a word portrait? Shade the cube below Your teacher will select your teacher will give Control your pressure! range' to your partner. Can you explain 'tonal a pupil at random to share their thoughts Spelling Challenge Think.Pair.Share you a word 'H' in bubble Quick sketch! Draw a capital font fonts? Your teacher will select a pupil at random to share their thoughts Shade the cone below your teacher will give VEW FROM INSIDE Spelling Challenge What is a slogan? Why might you use different styles of Think.Pair.Share Which mechanism is you a word

your teacher will give Spelling Challenge you a word

Draw a simple logo for a

sweet shop

your teacher will give

you a word

Spelling Challenge

Name a type of pop

up mechanism

What is a logo? Shade the cylinder ьеюм portrait?

Is this landscape or

companies use logos?

Why do you think Think.Pair.Share

share their thoughts

a pupil at random to

_andscape/Portrait

Think. Pair. Share

when designing logos Why might we use different colours or graphics?

'K' in

font