

Deyes High School Remote Learning



DEYES
HIGH
SCHOOL
LYDIATE
LEARNING TRUST

Year 7 D&T Structures

Engage, Enable and Empower

Work for individual students not attending school

Half Term 2: October to December

Pupils who are absent should select the activity that they are up to. Click on the link in the activity box below. This will take you to Office 365 where the work is stored. In the lesson it will tell the pupil if they need to submit the work to their teacher.

Lessons

Date (week commencing)	Lessons	Focus/Topic/Theme	Hyper link to Activity
2/11/20	1	Designing packaging for an egg drop system.	<p>Year 7 structures</p> <p>https://deyes.sharepoint.com/:p:/r/sites/TemporaryCurriculumResources/layouts/15/Doc.aspx?sourcedoc=%7BD9F21334-0F65-4891-B7D7-485D3C0512C4%7D&file=Booklet%20-%2020Y7%20Structures%20Booklet.pptx&action=edit&mobileredirect=true</p>
9/11/20	2	Forces and Structures	
16/11/20	3	Bridge Design	
23/11/20	4	Safety for making	
30/11/20	5	Evaluation	
7/12/20	6	Revision using Knowledge Organiser	
14/12/20	7	Knowledge Organiser Test	

Who to contact

You can email **your class teacher** if you have any questions regarding the activities set.

D.Jones@deyeshigh.co.uk
E.fearon@deyeshigh.co.uk
S.norbury@deyeshigh.co.uk

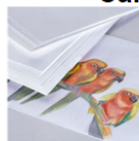


Year 7 - Cultural Capital Card ,Paper and Structures Organiser – Bridge Building Project

Card ,Paper and Structures

What is paper?

Papers and boards are made from natural fibres (cellulose), usually sourced from wood Other sources of fibre include bamboo, flax, hemp, kenaf, straw and sugarcane Wood fibres are mostly sourced from faster growing softwoods rather than hardwoods



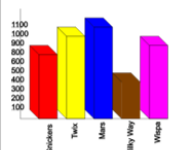
Pulp

The first stage in the production of paper and board is to make pulp. The natural cellulose fibres are mixed with water This mixture is cooked which produces a fibrous liquid known as pulp

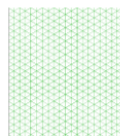
Paper weight

(GSM) The weight is measured in grams per square

Task 3: Make up your own data for car sales in the table below and draw a 3D Bar Chart to present the information



Isometric projection is a method for visually representing three-dimensional objects in two dimensions in technical and engineering drawings.



Cartridge paper

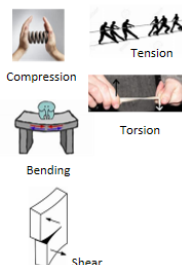
A thick, quality paper with a slight texture. It's used particularly for pencil and ink drawings and paintings Available in a range of weights, a heavier paper at 200gsm is more suitable for watercolour and acrylic painting

Grid Paper

Grid paper is white paper printed with squares or isometric grids. These are printed with faint lines that enable the user to draw graphs and diagrams, plot mathematical functions or add scientific data Lines can be printed in different weights



Types of Forces



Types of Structures



Health & Safety



Craft Knives and Hot Glue Gun

