

KS4 Graphic Products Homework

Use the Technology Student Website and answer the weekly question / task

Where?

1. www.technologystudent.com
2. Click on the "**Graphics**" button

What?

1. **Click on each** link in the section written for the week and read the page
2. Answer / complete the task written in this booklet

One task per week, although you could get ahead of yourself if you want

Have a go at each task, if you don't understand, ask your teacher **before** the hand in date

Term 1

Week 1

BASIC DRAWING EQUIPMENT

Task – Exercise 1,2&3

Week 2

SIMPLE DRAWING EXERCISES

Task - T-Square and Set Square Exercise

Week 3

COLOURED PENCILS

Task - Drawing/Shading Exercise 1,2&3 and exam question

Week 4

FELT PENS

Task – Render (sketch and colour) a household object

Week 5

SELECTING THE RIGHT COLOUR SCHEME

Task –No task

Week 6

QUESTIONNAIRES - STATISTICS - PICTOGRAMS

Task – Create a pictogram, make up some results about a topic of your choice

Week 7

EXPLODED VIEWS

Task – Design exploded view for a Bic Biro

Term 2

Week 8

PERSPECTIVE DRAWING

Perspective Drawing and Designers - An Introduction
No task

Week 9

SINGLE POINT PERSPECTIVE

Task – Exam questions

Week 10

TWO POINT PERSPECTIVE

Task – Exam questions

Week 11

OBLIQUE PROJECTION

Task -

Week 12

ISOMETRIC PROJECTION

Task - Simple Isometric Mobile Phone Question

Week 13

ORTHOGRAPHIC PROJECTION

Task – Orthographic projection of a toy car

Week 14

ARCHITECTURAL DRAWINGS

Task – Exam question

Term 3

Week 15

PRINTING PROCESSES AND PRINTING EFFECTS

Task – Describe the printing processes and effects used in making a cereal box

Week 16

BARCODES - BARCODE DESIGN

Task – Write about the different types of new barcode? (e.g. Microsoft)

Week 17

GRAPHIC STYLES OF WRITING

Task – Design a sign for an art room door using a relevant writing style

Week 18

CARD MECHANISMS

Task – Design and make a pop up card

Week 19

DEVELOPING LOGOS / SYMBOLS

Task – Logo exercise

Week 20

PACKAGING - SYMBOLS

Task – Design a symbol that could be used as a sign on the prep room door.

Week 21

CARS - SYMBOLS

Task – Design symbol for an ejector seat button

Term 4

Week 22

ENVIRONMENT / ECOFRIENDLY - SYMBOLS

Task – Why use eco friendly symbols?

Week 23

GLIDER PROJECT

Task – Make a glider

Week 24

DEVELOPMENTS / NETS

Task – design a net for a house with a triangular roof

Week 25

DEVELOPMENTS OF PACKAGES

Task – Exam questions

Week 26

PACKAGING MATERIALS AND MANUFACTURE

Task – Packaging questions

Week 27

ERGONOMICS

Task - Exam question

Term 5

Week 28

MODEL / PROTOTYPE MANUFACTURE

Task – Why model? What is a prototype?

Week 29

MODELLING MATERIALS

Task – How is modelling used in industry? Give examples you have found

Week 30

Exam question provided by teacher

Week 31

Exam question provided by teacher

Week 32

Exam question provided by teacher

Week 33

Exam question provided by teacher

Term 6

Week 34

Exam question provided by teacher

Week 35

Exam question provided by teacher

Week 36

Exam question provided by teacher

Week 37

Exam question provided by teacher

Week 38

Exam question provided by teacher

Week 39

Exam question provided by teacher