

Client Profile

Successful designers always design for a client or target user. Your task is to profile your end user (client). You must find out as much information about the as possible.

In the box below draw pictures that represent your client's personality.

Name:.....

Gender:.....

Current City:.....

Birthday/ age:.....

Family:.....

Hobbies:.....

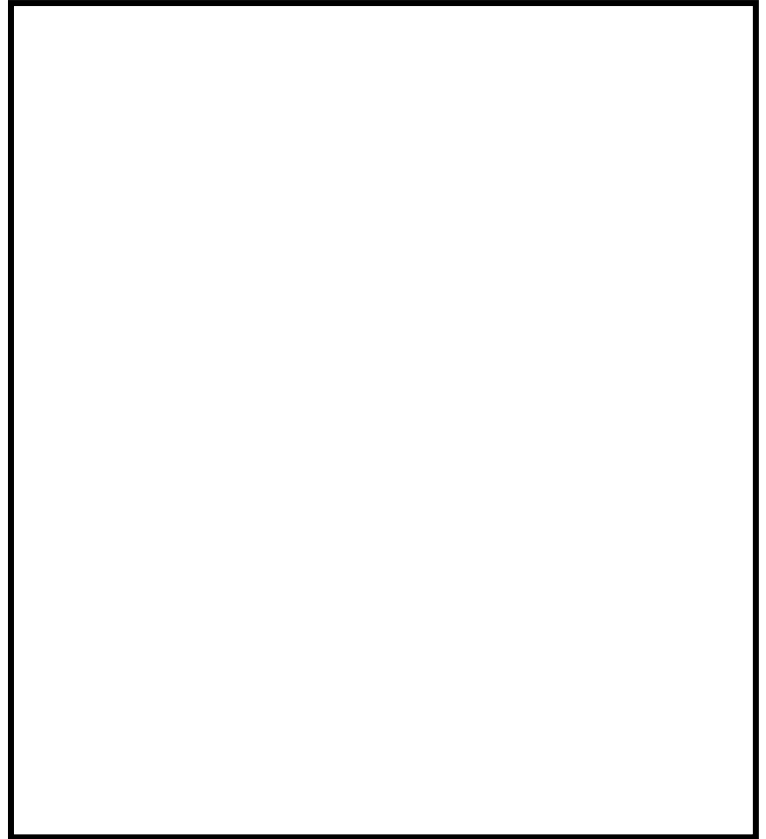
Maximum budget:.....

Favourite Music:.....

Favourite Books:.....

Favourite colours:.....

Favourite sweets:.....



Employer/ school:.....

Position/ year group:.....

Favourite subjects:.....

Needs	Wants

Explain why it is important for designers to gather as much information as they can about the person they are designing for?

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.....

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Product Analysis



What is a product analysis?

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.....
.....

Explain why designers complete a product analysis before designing?

.....
.....
.....

ACCESSFM is a tool that is used to help give a detailed analysis of a product. Use each word in a sentence.

A.....
.....

C.....
.....

C.....
.....

E.....
.....

S.....
.....

S.....
.....

F.....
.....

M.....
.....

Complete the worksheet on the next page. Select a product from home and conduct an analysis on it.

Aesthetics

Describe what it looks like: colour, shape, style...Do you like it?

Draw a quality sketch of your product here:
(Include labels to explain and add colour)

Cost

How much does it cost? Good price or expensive?

Function

What does your product do? Does it have more than one purpose?

Customer

Who will buy/use it and why?

Materials

What is it made from? Why have these materials been chosen?

Size

Measure length, width and depth (mm) is this a suitable size? Is it easy to use?

Improvements

How could the product be improved?

Safety

Are there any safety issues with your product

Isometric Drawing

Name:

Date:

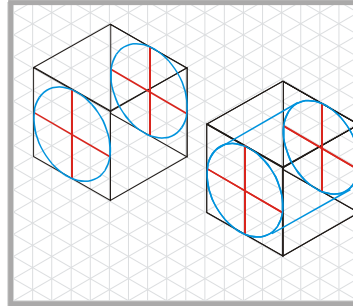
Visual Communication

- LO: How can we communicate design ideas on paper?

Isometric drawing is a 3D drawing method you can use to show your ideas.

Isometric cylinder drawing rules

1. Always draw straight lines using the grid
2. Use a pencil and ruler



Task

Draw a set of cubes using the grid to help you.

Draw an isometric circle on two, opposite faces.

Join the circles to make a cylinder.

If you make a mistake don't worry, just try again and practice until you get it right.

Isometric Drawing

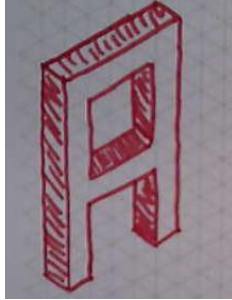
Name:

Date:

Visual Communication

- LO: How can we communicate design ideas on paper?

Sketching in 3D is very important as the three-dimensional view of a product shows what it will really look like.



Isometric drawing rules

1. Always draw on the grid
2. Use a pencil and rule

Task 2

Draw your name using the grid to help you.

Practice drawing different letters.

If you make a mistake don't worry, just try again and practice until you get it right.

Product Analysis

Timber based materials can be separated into three different categories. Name these three categories:

1.
2.
3.

Name 3 hardwoods, softwoods and manufactured boards and their properties.

Hardwood	Softwood	Manufactured board
Material	Material	Material
Properties	Properties	Properties
Material	Material	Material
Properties	Properties	Properties
Material	Material	Material
Properties	Properties	Properties

Describe three advantages of using manufactured boards instead of natural timbers

1.
.....
2.
.....
3.
.....

In the space below use notes and sketches to explain why plywood is a stiff material.

Timber can be bought in a variety of stock forms. Name four stock forms of timber.

1.
2.
3.