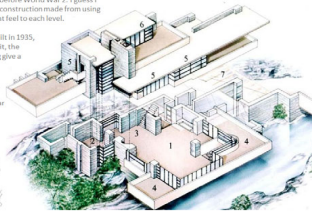


## Key points to use in your work and layout example.

The architect that I am looking at is Frank Lloyd Wright, at first I thought he was a modernist designer but most of his work came from before World War 2. I guess I thought his work was modern as it's all angled and flat construction made from using layers to give the houses and other buildings a different feel to each level.

The images on this page are of his Water Fall house built in 1935, its on the side of a hill and has a stream flowing under it, the balcony's or bit that's stick out from the main building give a view over this.

The different use of levels gives, like many of his other builds, the effect of the structure blending into its surroundings quicker and more smoothly than a regular square sided one.



Slide 1: Visual reference for your work AO 1

- Show a selection of images of the area of work you have chosen to look at; Landscape, Product Design or Jewellery.
- Make sure the images you choose are connected to the work your looking at.

Slide 3: Drawing 1 based on your design work AO 1/2/3

- You might be able to use SketchUp to help you with line drawings.

1: Write a short description of what you were trying to show in your drawing.

2: Write a short description of what went well in your work and what could be improved.

Slide 5: explanation of Sketchup works AO 1/3

- Illustrate this page with a simple set of screen shots that show the shape and form of your initial design from your drawings.

1: explain the process of using [sketchup](https://www.sketchup.com/) and how this 3D digital design modelling process help you view your design from all angles etc.

The images on this page are of his house Falling Water, which is often called Water Fall house, it was built in 1935. I have chosen this digital model of the house as it shows more about the house and less about its surrounding, that are of woods and cover most of the aspect of this house. Its is located on the side of a hill and has a stream flowing under it, the balcony's or bit that's stick out from the main building give a view over this.

The different use of levels gives, like many of his other builds, the effect of the structure blending into its surroundings quicker and more smoothly than a regular square sided one. It breaks the shape of the building up and give the viewer more to look at with the line drawing you across the building as well as up and down.

I hope to use the different layers he creates in his buildings in my version of his work, using the structures of the balcony's to give those leading lines that draw you across the structure. There is also three distinct textures in use on the design, the stone on the main building section, the smoother concrete on the balcony sections and the glass in squares and rectangles in the window areas.



Slide 2: About the type of work your looking at AO 1

1. What type of design are you looking at and why did you choose this area to work in?
2. Describe the type of design work our looking at?
3. What are you going to try to build from the are of design your looking at?

Slide 3: Drawings 2 based on your design work AO 1/2/3

- You might be able to use SketchUp to help you with line drawings.

1: Write a short description of what you were trying to show in your drawing.

2: Write a short description of what went well in your work and what could be improved.

Slide 6: SketchUp of your 1st idea – side/rear view AO 1/3

- This is a simple Sketchup of your first idea, it should have no tone or colour on it, were only showing shape and size here.

1: Write a short description of what you were trying to show in your 3D digital design model.

2: Write a short description of what went well in your work and what could be improved for both the front and back.

## Knowledge Organiser NO:1 Y9 3D Design

Name.....

### Why we work this way.

Your work needs to go into a PowerPoint so it can be printed at the topic into a book. This book should contain all of your test pieces, examples of drawing to show your initial ideas and artist/genre research.

### What are we working on?









**Architecture** is both the process and the product of planning, designing and constructing building and other structures.









**Product design** as a verb is to create a new product to be sold by a business to its customers.

**Jewellery** is the process of designing and making items of decoration for body adornment.



## Key points to remember for using SketchUp

Visual	Tool Name & Description
	Select - Use this tool to "select" the parts of your model you want to work with.
	Paint Bucket - Use this tool to assign materials and colors to pieces of your model.
	Eraser - Use this tool to delete entities. The Eraser tool can also be used to hide and soften edges.
	Rectangle - Use this tool to draw rectangular pieces in your model.
	Circle - Use this tool to draw circles in your model.
	Line - Use this tool to draw edges or lines in your model.
	Freehand - Use this tool to draw irregular hand-drawn lines in the form of curves.
	Arc - Use this tool to draw arcs in your model.

Visual	Tool Name & Description
	3D Text - Use this tool to create 3 dimensional geometry from text.
	Push/Pull - Use this tool to push and pull surfaces in your model, allowing you to add or subtract volume from the pieces in your model.
	Rotate - Use this tool to rotate, stretch, distort, or copy entities along a rounded path.
	Follow Me - Use this tool to duplicate the profile of a face along a path.
	Scale - Use this tool to resize and stretch pieces in your model.
	Tape Measure - Use this tool to measure distances, create guide lines or points, or scale a model.
	Offset - Use this tool to create copies of lines and faces at a uniform distance from the originals.
	Move - Use this tool to move, stretch and copy pieces of your model. This tool can also be used to rotate components and groups.

## Knowledge Organiser NO:2

### Y9 3D Design

Name.....

### What is SketchUp?

Google SketchUp is a free, easy-to-learn 3D-modeling program with a few simple tools to let you create 3D models of houses, sheds, decks, home additions, woodworking projects, and even space ships

### What are we working on?

**Architecture** is both the process and the product of planning, designing and constructing building and other structures.

**Product design** as a verb is to create a new product to be sold by a business to its customers.

**Jewellery** is the process of designing and making items of decoration for body adornment.

