

You are to design a house that uses **resources** in a **sustainable** way. You must consider how the house will use **energy**, water and manage **climate control**. You will create a series of **rendered** sketches of your concept, as well as create a **Computer Aided Drawing (CAD)** of your final design using Google Sketchup.

Device, materials

Decreasing the long term effect on the environment

Power – electricity, gas, solar panels

Controlling a heated or air conditioning system

Add colour, furnish

Software that allows you to create 2D or 3D drawings.