



Design and designing

Orthographic views of a vase

Okay, Activity Nine is about converting a live object into one of our orthographic views, that is the side, plan and front elevation. I have chosen a very simple object here, a simple vase, and I am going to convert it into our three views. I need to know first of all the outside dimensions of all of it so I will measure its height and its width and I'll convert these into a basic rectangle within which everything will fit. I'll do the same again for the side view and the same again for the plan view. In this particular example I'm going to draw it in first angle projection and you'll see how the views plan out on that. Okay, so I'll be working in a thick pen here so it's not easy to distinguish between my construction lines and my outlines but essentially we've got a body of the ceramic vase lying there in our drawing. I've got the part of the side elevation showing through about there and my plan view appears about there and that sort of sketch would allow me to construct a more detailed drawing should I wish to do so.