

## Sketchup Assessment Easel Project

I want to build an easel to support the two by three foot picture frames hanging on the wall of the room which I will re-purpose for my mother's 100<sup>th</sup> birthday party. The materials to use are 1x2 pine which measures  $\frac{3}{4}$ " x  $1\frac{1}{2}$ ". I want to cut them 80" long.

In the image to the right we bound them 12" from the top to keep the legs from spreading without having to bind them otherwise. You could change that.

We need a cross bar ledge at 32 to 34" off the ground to support the frame. It should have a lip or cleat to keep the picture frame from falling off if bumped.

In sketch up create a .75 x 1.5 inch rectangle. Extrude it 80". You will need to kick each leg out about 2' at the base to get around 24" of spread to support the cross bar which should be around 28" long made of 1x2 material.

Rotate the materials accurately and cut the feet off at the correct angle. Then Add appropriate dimensions.

