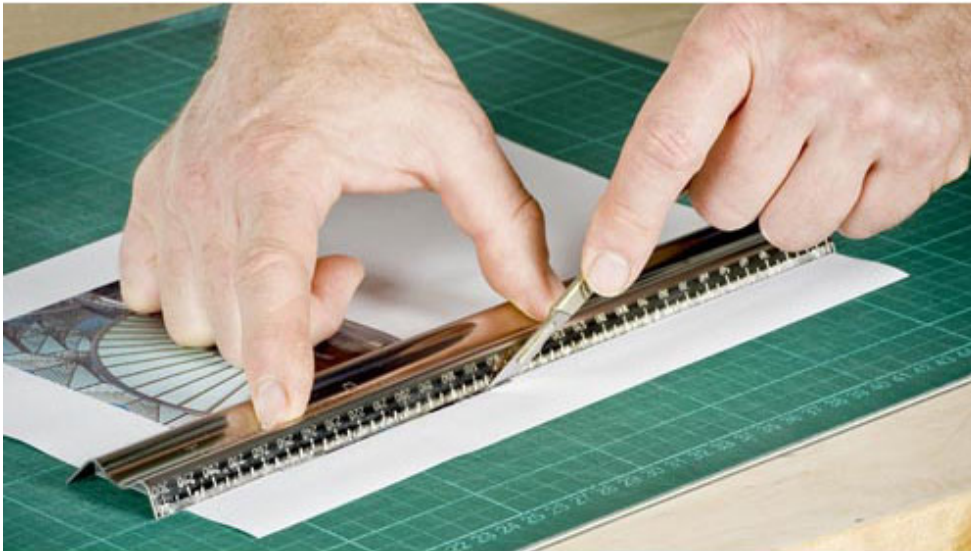


# Basic Model Making - Cutting

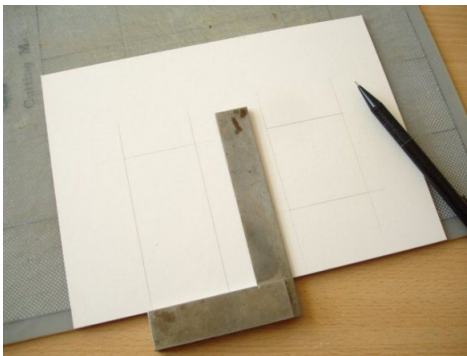


The minimum tools are probably a knife, straight edge and a board to cut on.

A scalpel is good for fine cuts whilst a stanley knife is better for heavier materials.

The use of a Maun Safety Rule is recommended along with a self-healing mat.

A Stanley knife with a fixed blade gives better control, whilst one with a retractable blade is safer to carry around.



Right angles are best cut using a Try square.

A small one can be used against the edge of the cutting mat and will allow the material to be held firmly for cutting.

A larger board will need to be used under the cutting mat to protect the table.

Most heavier materials will require the use of a saw.

A rigid back saw will cut straighter lines whilst a thin bladed saw will allow curves to be cut.



A fret saw has a very fine blade allowing intricate cuts to be made in thin material.



Use a coping saw for heavier less intricate cuts. Having a blade that can be rotated aids flexibility.



A variable speed scroll saw will help with larger amounts of cutting. The blade can be turned and the table tilted for miter work.



Miter boxes and fret saw boards will aid efficiency.

