

Subject Guidance for

Practical Metalwork (N5)

Key Skills and Techniques to practice

- *Develop your skills as you go.*
- *Complete all unit work*
- *Measuring and marking must correct... if it isn't the rest of your work will wrong!*
- *Machining and Finishing – Take time and care over all turning, small cuts and smooth handling of the wheels. Make sure that you have taken time to use emery cloth on metal, in the same direction, then steel wool with some oil.*
- *Welding – take the time to practise and warm up before starting a run – make sure all lined up and tacked.*

- *Always make sure that you follow the drawing, your teacher will use this to assess your work at the end of each unit*
- *Learn from your mistakes... listen to the feedback and improve the next time.*
- *All work needs to within 1mm of the sizes shown in the drawing to gain a National award!!!*

Key Points to remember

National 5 Course award: *2021-22

Course Assignment – Practical Activity 70 marks (this makes up your full grade)

55 marks for the Practical ability (manufacturing of the model)

15 marks for log book (open book) - don't leave this to the last minute.

You will start this after Christmas and must be finished before Easter (remembering self-isolation and COVID restrictions)

Three Units (you must complete all three units) Models you will make: Birdhouse and Hand router

1. *Machining Processes*
2. *Bench Skills*
3. *Thermal Joining*