



NCCA

An Chomhairle Náisiúnta
Curaclaim agus Measúnachta
National Council for
Curriculum and Assessment

Junior Cycle Wood Technology Classroom-Based Assessment 2: Example of Student Work 02

January 2024

JULZOR CYCLE

PROGRESSION



A Project Using Sanding:

* Sanding is a crucial part of almost every woodwork project one can do. But a project that uses it most effectively is the pencil. And I believe sanding was of a high standard in this particular piece.

How to improve my sanding:

* When sanding, it is important to only sand the necessary amount in order to smooth the surfaces and make the edges less sharp. If you sand too much it will scrape away too much wood and the edges will become round. Make sure to sand carefully and don't waste any scratches on the wood.

sanding: Mistakes

* In this particular piece sanding is used both as a finish and more as a key aspect, in making the ship. As this was the first proper project using sanding, I got the impression that the more sanding the better. I ended up over-sanding and the edges became too smooth and rounded, ruining the ship's shape.

sanding:

* In some projects sanding can seem like a simple finishing touch. But in this project sanding is the only thing that shaped the piece into what it looks like a ship. Although I had sanded before, this was the first time it was used for something other than smoothing the edges, so the pieces too smooth and rather uneven.

A Project Using Trenches:

* Although there is no other project that used trenches exactly. My first sanding used the same process, only with the same skills. A project I have completed that uses finger joints well, is the box.

How to improve my trenches:

* When creating trenches, working well is extremely important. If each line isn't perfectly planned out and straight lines, the trenches won't be perfect or straight. The same can be said about the cutting, you must cut straight and slowly so you don't miss the lines. But what is really important is chiseling, you must chisel slowly from the top down taking small layers. Taking a little from the back then the front.

trenches:

* One of the main components of the ship are the trenches.
- The trenches are served as different set-backs on the ship, and the better cut out they are the more lifelike the ship will look.
- Unfortunately this is the first project I'd ever done that included coming out a piece so the sides have become incredibly splintery.

trenches: Mistakes

* There are two simple things needed to create a trench. Two things that if you mess up the trench will be ruined. These are sawing and chiseling.
- To create the trench you must use a coping saw and saw to the depth you want the trench on each marked area, you then must chisel from the top to take away the timber that was in. If you don't cut straight or deep enough it will create pieces falling out from the side. And if you don't chisel enough large splinters can come off the bottom. I unfortunately did both, taking chunks out of the side.

A Project Using Woodburning:

* One of the many projects using woodburning was the pumpkin in which woodburning was at a higher standard.

woodburning:

* Woodburning is a very important aspect of making your project look presentable. It can be used in two ways:
- You can sometimes outline or shape certain shapes in your project to more depths.
- You can draw designs into your project, instead of using a pencil which is too faint.

CBA 2 INTRODUCTION

Writing Brief: Reflecting on my skills during my first project. (The Boat)

↓ What I'm Writing On ↓

- 1) A brief description of an aspect within my project
- 2) What mistakes I made during the aspect, which affected my project negatively.
- 3) How I could, and how I have avoided these mistakes in other projects.
- 4) A project I have completed since which implements the new learnt skills, I have adopted.

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↓ How this will help my for my J.C ↓

* For my Junior Cert I find it will be helpful to reflect on my past mistakes and see how I have improved, or if I need to improve anymore. And what better way than to reflect on the project where I made the most mistakes.
- This project also used some very important skills. Chiseling - Trenching - Sanding and woodburning.
③ It is very easy to make mistakes within these parts of woodwork so it is important to know the mistakes that can be made, and confidently know how to fix them. In which I completed them to a satisfactory level.

chiseling

* Chiseling is used twice for this project.
- As mentioned earlier chiseling is used for trenching. In order to scrape away the wood in between.
- Chiseling is also used for the better piece of the ship to create waves.

chiseling: Mistakes

* Chiseling two walls of one piece is usually the reason things go wrong. Chiseling too far in when sanding chips away will cause potential cracks in the piece. Especially when sanding. If you chisel too hard the chisel can become stuck, and possibly remove whatever was under. Both these things happened with me.

How to Improve My Woodburning:

* When woodburning you must always work from your start. Make sure the lines are straight and that you burn with the image you have drawn.
* Be gentle with the burner. Keep your hand steady and don't rush, also remember what setting you are on.

woodburning: Mistakes

* I made two mistakes on this project that are very common with woodburning.
- My first, and most foolish mistake, was that I didn't mark with pencil before hand. Which was messy and it's easy to make mistakes.
- I pressed too hard in places. Pressing too hard creates burnt blotches. Be gentle.

How to Improve My Chiseling

* To chisel correctly with little to no chipping, you must chisel slowly. In order to trenching you take a little bit off at a time. Chiseling up and taking turns on each side. When chiseling other things (like the back of the ship) chisel bits off the top and slowly go deeper. This is what I have learnt to do.

A Project Using Chiseling:

* The landscape picture was a project using only chiseling. And though it was a coping chisel I believe I did very well and it corresponds to my chiseling skills above.

This poster was approximately A2 in size

Conclusion - 2/10/23

★ What Went wrong, and how do I improve ★

• Overall I think the process and outcome of my CBA drew a positive result. I believe I covered a large range of skills in thorough detail and I layed out my project well. Although the overall presentation of the CBA could have been done better, the handwriting was messy and I don't think the worksheet look of the project matched with the contents. Another aspect I struggled with was time, I completed almost all of my project (or at least I thought) within the first week. Meaning I didn't really do much until the end. But there were a few things extra I didn't know I had to complete, which caused stress for the last few days.

★ The Senior Cert ★

• Having completed my CBA there is a number of areas where I can bring focus and accuracy into my Senior cert.

- 1) A thorough understanding of what I have done wrong in the past
- 2) The ability to evaluate your work
- 3) Knowing what mistakes can be made and how to fix them
- 4) The ability to make a project well
- 5) Time management, within my senior cycle

Teacher annotations using the Features of Quality

The annotations capture observations by the teacher, using the features of quality, with a view to establishing the level of achievement this work reflects. The annotations and judgments were confirmed by a Quality Assurance group, consisting of practising teachers and representatives of the NCCA, the Inspectorate, the State Examinations Commission and the Oide support service.

Teacher annotations

Self-analysis of coursework elements:

The student identified a range of coursework elements, that allowed them to make valid observations and some relevant self analysis on the development of their skills to date.

Making judgements:

Judgements made on areas of strengths and areas for improvement were reasonably clear. While there was some awareness of how these judgements would inform future work, a higher level of awareness would have been demonstrated if greater detail were provided on how the areas for improvement could be further addressed.

Communicating their CBA:

The findings were well presented, using a poster and a conclusion page. The poster incorporated colour, rendered sketches, and written notes to convey the information. The student carefully considered what information best communicated their Classroom Based Assessment. Enlarging and adding more detail to some of the sketches could have complimented the communication of their Classroom Based Assessment.

Overall judgement:  In line with expectations



Exceptional



Above expectations



In line with expectations



Yet to meet expectations