



| YEAR LEVEL: | 10 | SUBJECT: | TMT | UNIT NAME: | Occasional Table | |
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| Unit Context Overview: | Students will design an Occasional Table. To do this they will research furniture designs and manufacturing techniques/skills and include working drawings of their chosen design with detail of joinery methods and materials required. | | | | Unit Length: | 20 weeks |
| KEY UNIT LEARNING GOALS AND SUCCESS CRITERIA | | | | | | |
| KEY LEARNING GOALS | | | SUCCESS CRITERIA (students can): | | | |
| 1 | LG 1: Understand the Design process as it relates to the manufacture of furniture and understand how the following factors impact on the design process; Functionality, Sustainability, Aesthetics & Economics. Be able to explain the influence that modern technologies have played in the manufacture of furniture. | | | <ul style="list-style-type: none"> I can identify and explain the Design process as it relates to the manufacture of furniture. I can identify and explain how the following factors impact on the design process; Functionality, Sustainability, Aesthetics & Economics. I can identify and explain the influence that modern technologies have played in the manufacture of furniture. | | |
| 2 - 5 | LG 2: Understand what a design brief is, what its elements (stakeholder, needs & Intended function) are and how to create a design brief. LG 3: Understand what specifications and constraints are and how they relate to the design brief. LG 4: Understand how to create a success criterion based on the design brief. LG 5: Understand the value of research and how it relates to client need/design brief. | | | <ul style="list-style-type: none"> I can explain what a design brief is, what its elements (stakeholder, needs & Intended function) are and how to create a design brief. I can explain what specifications and constraints are and how they relate to the design brief. I can explain how to create a success criterion based on the design brief. I can explain the value of research and how it relates to client need/design brief. | | |
| 6 - 8 | LG 6: Understand what a detailed drawing (working drawing) with annotations and dimensions is and how to create one. LG 7: Understand the need for various timber joinery techniques and how to sketch and annotate them. LG 8: Understand the need for a detailed material/cutting list and how to make one. | | | <ul style="list-style-type: none"> I can identify and explain what a detailed drawing (working drawing) with annotations and dimensions is and how to create one. I can identify and explain the need for various timber joinery techniques and how to sketch and annotate them. I can identify and explain the need for a detailed material/cutting list and how to make one. | | |
| 9 - 11 | LG 9: Understand, explain and demonstrate what workshop safety is. LG 10: Understand the need for and be able to explain and demonstrate accurate marking out with pencil, Steel Rule, Tri Square and Sliding Bevel Gauge. LG 10: Understand, explain and demonstrate how to safely and accurately use hand tools such as; chisel, mallet, tenon saw, plane. LG 11: Understand, explain and demonstrate how to safely and accurately use power tools such as; band saw, drill press, morticing machine, combination disc & belt and bobbing sander. | | | <ul style="list-style-type: none"> I can identify, explain and demonstrate what workshop safety is. I can identify, explain and demonstrate accurate marking out with pencil, Steel Rule, Tri Square and Sliding Bevel Gauge. I can identify, explain and demonstrate how to safely and accurately use hand tools such as; chisel, mallet, tenon saw. I can identify, explain and demonstrate how to safely and accurately use power tools such as; band saw, drill press, morticing machine, combination disc & belt sander. | | |
| 12 - 13 | LG 12: Understand, explain and demonstrate how to safely and accurately use numerous clamping devices. LG 13: Understand, explain and demonstrate how to safely and accurately use cordless battery powered tools such as; drill, biscuit jointer, jigsaw. | | | <ul style="list-style-type: none"> I can identify, explain and demonstrate how to safely and accurately use numerous clamping devices. I can identify, explain and demonstrate how to safely and accurately use cordless battery powered tools such as; drill, biscuit jointer, jigsaw. | | |



| Resources required: | | | |
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| Laptop/iPad, Pencil (stationary as required), Notebook or printed booklet, Access to Internet | | | |
| Week | Content Description | Sections or pages in the booklet | Assessment Details |
| Term 1 – Coffee Table | | | |
| 1 | Understand the Design process as it relates to the manufacture of furniture and understand how the following factors impact on the design process; Functionality, Sustainability, Aesthetics & Economics. Be able to explain the influence that modern technologies have played in the manufacture of furniture. | Q1-3 | Micro teaching and ongoing feedback |
| 2 | Understand what a design brief is, what its elements (stakeholder, needs & Intended function) are and how to create a design brief. Understand what specifications and constraints are and how they relate to the design brief. Understand how to create a success criterion based on the design brief. Understand the value of research and how it relates to client need/design brief. | Design Brief Pt 1, 2 & 3 | Micro teaching and ongoing feedback |
| 3 | Understand what a detailed drawing (working drawing) with annotations and dimensions is and how to create one. Understand the need for various timber joinery techniques and how to sketch and annotate them. Understand the need for a detailed material/cutting list and how to make one. | Detailed drawings and working drawings | Micro teaching and ongoing feedback |
| 4 | Understand, explain and demonstrate what workshop safety is. Understand the need for and be able to explain and demonstrate accurate marking out with pencil, Steel Rule, Tri Square and Sliding Bevel Gauge. Understand, explain and demonstrate how to safely and accurately use hand tools such as; chisel, mallet, tenon saw, plane. Understand, explain and demonstrate how to safely and accurately use power tools such as; band saw, drill press, morticing machine, combination disc & belt and bobbing sander. | Practical Workshop Activity Independent Journal work | Micro teaching and ongoing feedback |
| 5 | Understand, explain and demonstrate how to safely and accurately use numerous clamping devices. Understand, explain and demonstrate how to safely and accurately use cordless battery powered tools such as; drill, biscuit jointer, jigsaw. | Practical Workshop Activity Independent Journal work | Micro teaching and ongoing feedback |
| 6 | Understand, explain and demonstrate what workshop safety is. Understand the need for and be able to explain and demonstrate accurate marking out with pencil, Steel Rule, Tri Square and Sliding Bevel Gauge. Understand, explain and demonstrate how to safely and accurately use hand tools such as; chisel, mallet, tenon saw, plane. Understand, explain and demonstrate how to safely and accurately use power tools such as; band saw, drill press, morticing machine, combination disc & belt and bobbing sander. | Practical Workshop Activity Independent Journal work | Micro teaching and ongoing feedback |
| 7 | Understand, explain and demonstrate how to safely and accurately use numerous clamping devices. Understand, explain and demonstrate how to safely and accurately use cordless battery powered tools such as; drill, biscuit jointer, jigsaw. | Practical Workshop Activity Independent Journal work | Draft of theory work due |
| 8 | Understand, explain and demonstrate what workshop safety is. Understand the need for and be able to explain and demonstrate accurate marking out with pencil, Steel Rule, Tri Square and Sliding Bevel Gauge. Understand, explain and demonstrate how to safely and accurately use hand tools such as; chisel, mallet, tenon saw, plane. Understand, explain and demonstrate how to safely and accurately use power tools such as; band saw, drill press, morticing machine, combination disc & belt and bobbing sander. | Practical Workshop Activity Independent Journal work | |



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| 9 | Understand, explain and demonstrate how to safely and accurately use numerous clamping devices. Understand, explain and demonstrate how to safely and accurately use cordless battery powered tools such as; drill, biscuit jointer, jigsaw. | Practical Workshop Activity Journal work | Final - Prac work due |
| 10 | Understand, explain and demonstrate how to safely and accurately use numerous clamping devices. Understand, explain and demonstrate how to safely and accurately use cordless battery powered tools such as; drill, biscuit jointer, jigsaw. | Independent Journal work | |
| Term 2 – Coffee Table (2 weeks) - Breadboard | | | |
| 1 | Finishing of Project and Finalising Journal | Practical Workshop Activity | Final of theory work due |
| 2 | Completion of practical work/ Evaluation of Final Project | Complete Booklet | Micro teaching and ongoing feedback |
| 3 | Understand the Design process as it relates to the manufacture of furniture and understand how the following factors impact on the design process; Functionality, Sustainability, Aesthetics & Economics. Be able to explain the influence that modern technologies have played in the manufacture of furniture. | Practical Workshop Activity | Micro teaching and ongoing feedback |
| 4 | Understand what a design brief is, what its elements (stakeholder, needs & Intended function) are and how to create a design brief. Understand what specifications and constraints are and how they relate to the design brief. Understand how to create a success criterion based on the design brief. Understand the value of research and how it relates to client need/design brief. | Practical Workshop Activity | Micro teaching and ongoing feedback |
| 5 | Understand what a detailed drawing (working drawing) with annotations and dimensions is and how to create one. Understand the need for various timber joinery techniques and how to sketch and annotate them. Understand the need for a detailed material/cutting list and how to make one. | Practical Workshop Activity | Micro teaching and ongoing feedback |
| 6 | Understand, explain and demonstrate what workshop safety is. Understand the need for and be able to explain and demonstrate accurate marking out with pencil, Steel Rule, Tri Square and Sliding Bevel Gauge. Understand, explain and demonstrate how to safely and accurately use hand tools such as; chisel, mallet, tenon saw, plane. Understand, explain and demonstrate how to safely and accurately use power tools such as; band saw, drill press, morticing machine, combination disc & belt and bobbing sander. | Practical Workshop Activity | Micro teaching and ongoing feedback |
| 7 | Understand, explain and demonstrate how to safely and accurately use numerous clamping devices. Understand, explain and demonstrate how to safely and accurately use cordless battery powered tools such as; drill, biscuit jointer, jigsaw. | Practical Workshop Activity | DRAFT – Journal work due |
| 8 | Understand, explain and demonstrate what workshop safety is. Understand the need for and be able to explain and demonstrate accurate marking out with pencil, Steel Rule, Tri Square and Sliding Bevel Gauge. Understand, explain and demonstrate how to safely and accurately use a variety of hand tools. | Practical Workshop Activity | Final - Prac work due |
| 9 | Completion of practical work/ Evaluation of Final Project . | Practical Workshop Activity | Final of theory work due |
| 10 | Upskilling and Workshop Management | Practical Workshop Activity | Micro teaching and ongoing feedback |