

# Daycare Woodworking Assignment

## Activity Summary

- In this activity, students will:
- ♦ Go on a field trip and complete an activity sheet based on what they observed about the use of wood in a daycare
  - ♦ Complete a woodworking project for a daycare
  - ♦ Present woodworking project to daycare staff and children
  - ♦ Complete project journals

## Prior Knowledge and Technical Skills

- **Essential Skills**
- Knowledge of safety
- Able to complete a cutting list
- Thorough knowledge of dressing and dimensions of lumber to size
- Able to problem solve and work in a group
- Understand the safe operation of woodworking tools and equipment

## Teaching Planning Notes

- Review assignment including prior knowledge required and rubric
- Secure appropriate resources for woodworking project
- Provide students with appropriate checklists and instructions for project completion depending on the project that is chosen based on community needs
- Contact a variety of community groups for field trip and possible woodworking project needs
- Provide an exemplar

## Assessment and Evaluation of Student Achievement

Task	Tool
Field Trip Activity Sheet	Evaluation Sheet
Woodworking Project	Rubric
Project Journals	Project Journals Evaluation

## Activities

- Field Trip Activity Sheet
- Field Trip Evaluation Sheet
- Woodworking Project Assignment Sheet
- Woodworking Project Rubric
- Woodworking Project Journals
- Project Journals Evaluation



## FOCUS ON LEARNING

### Essential Skills:

#### Writing

Field Trip Activity Sheet  
Woodworking Project  
Project Journals

#### Thinking Skills

Field Trip Activity Sheet  
Woodworking Project  
Project Journals

#### Reading Text

Woodworking Project

#### Oral Communication

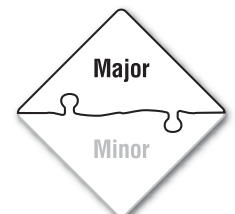
Woodworking Project  
Presentation

#### Numeracy

Woodworking Project

#### Document Use

Field Trip Activity Sheet







# Gifts of Wood Field Trip Evaluation Sheet

COMPONENT	CRITERIA	MARKS
Usage List	Purposes and locations of wood identified and correct	/20
Floor Plan	Rough Sketch completed and locations of wood properly labelled	/20
TOTAL		/40



# Gifts of Wood Field Trip Evaluation Sheet

COMPONENT	CRITERIA	MARKS
Usage List	Purposes and locations of wood identified and correct	/20
Floor Plan	Rough Sketch completed and locations of wood properly labelled	/20
TOTAL		/40

# Gifts of Wood Woodworking Assignment Sheet

As a class we have brainstormed several ideas for a woodworking item that we believe a daycare could use. After sending our suggestions by e-mail to the daycare, they have responded and have indicated that they would love to have a number of \_\_\_\_\_ created for their daycare.

Now that we know what we are constructing, we have to research, plan and build these items. Once they are finished, we will be presenting them to the daycare staff and children. They are very excited about our partnership and look forward to receiving the results of your skill and hard work through this project!



## Assignment Requirements

To complete this assignment you will be:

### Part One

- sketching
- measuring
- joining
- drafting
- machining
- surface preparing
- finishing

### Part Two

- writing project journals

### Part Three

- presenting your project to the daycare staff and children

## Checklist

COMPONENT	DUE DATE	COMPLETED
Field Trip Activity		<input type="checkbox"/>
Sketching		<input type="checkbox"/>
Drafting		<input type="checkbox"/>
Measuring		<input type="checkbox"/>
Machining		<input type="checkbox"/>
Joining		<input type="checkbox"/>
Surface Preparing		<input type="checkbox"/>
Finishing		<input type="checkbox"/>
Writing Project Journals		<input type="checkbox"/>
Presenting Project		<input type="checkbox"/>

# Gifts of Wood Rubric

CATEGORIES/ CRITERIA	LEVEL 1 (50-59%)	LEVEL 2 (60-69%)	LEVEL 3 (70-79%)	LEVEL 4 (80-100%)
<b>Knowledge of facts, technical terminology, procedures, and standards</b> <i>(Technical Knowledge)</i>	demonstrates limited knowledge of facts, technical terminology, procedures, and standards while working in a construction facility	demonstrates some knowledge of facts, technical terminology, procedures, and standards while working in a construction facility	demonstrates considerable knowledge of facts, technical terminology, procedures, and standards while working in a construction facility	demonstrates thorough knowledge of facts, technical terminology, procedures, and standards while working in a construction facility
<b>Applies problem-solving methods</b> <i>(Thinking Skills)</i>	uses thinking skills with limited effectiveness	uses thinking skills with some effectiveness	uses thinking skills with considerable effectiveness	uses thinking skills with thorough effectiveness
<b>Communicates information</b> <i>(Oral Communication)</i>	communicates information with peers and instructors with limited clarity	communicates information with peers and instructors with some clarity	communicates information with peers and instructors with considerable clarity	communicates information with peers and instructors with a high degree of clarity
<b>Safe use of procedures, equipment, and technology</b> <i>(Working with Others)</i>	uses procedures, equipment, and technology safely and correctly only with supervision	uses procedures, equipment, and technology safely and correctly with some supervision	uses procedures, equipment, and technology safely and correctly	demonstrates and promotes the safe and correct use of procedures, equipment and technology

**Note:** A student whose achievement is below Level 1 (50%) has not met the expectations for this assignment or activity. This rubric is based on fundamentals on [www.curriculum.org](http://www.curriculum.org)

# Gifts of Wood Project Journals

During the course of this project you will write nine (9) journal entries. You will submit five journals for evaluation. Answer the following questions in each of your journals. Provide an example of a situation for each or combine several questions into the same situation:



1. What part of the project was I working on?
2. What **Essential Skill(s)** did I demonstrate the most during the activity?
3. How are these **Essential Skills** improving based on using them?
4. Are there any **Essential Skills** I did not need to demonstrate in this activity?  
Which ones are they?
5. Did I work independently?
6. Did I work as part of a team?
7. How were my work habits?
8. Was I organized today?
9. Did I show initiative?

You do not have to write your journal in order of the questions provided. You can use your own judgment and may choose to express your ideas as a story or in another format that you prefer.

# Gifts of Wood Project Journals Evaluation

Journal #___	
COMPONENT	MARKS
Depth and understanding providing examples to support opinion	/10
Clear, Concise, Comprehensive and Complete	/5
Correct (spelling, grammar)	/5
TOTAL	/20

Journal #___	
COMPONENT	MARKS
Depth and understanding providing examples to support opinion	/10
Clear, Concise, Comprehensive and Complete	/5
Correct (spelling, grammar)	/5
TOTAL	/20

Journal #___	
COMPONENT	MARKS
Depth and understanding providing examples to support opinion	/10
Clear, Concise, Comprehensive and Complete	/5
Correct (spelling, grammar)	/5
TOTAL	/20



# Gifts of Wood Project Journals Evaluation

Journal #___	
<b>COMPONENT</b>	<b>MARKS</b>
<b>Depth and understanding providing examples to support opinion</b>	/10
<b>Clear, Concise, Comprehensive and Complete</b>	/5
<b>Correct (spelling, grammar)</b>	/5
<b>TOTAL</b>	<b>/20</b>

Journal #___	
<b>COMPONENT</b>	<b>MARKS</b>
<b>Depth and understanding providing examples to support opinion</b>	/10
<b>Clear, Concise, Comprehensive and Complete</b>	/5
<b>Correct (spelling, grammar)</b>	/5
<b>TOTAL</b>	<b>/20</b>

<b>TOTAL</b>	<b>/100</b>
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