

Alexandra **Middle School**

Construction Technology

Grade 7

1. Aim

Construction Technology offered at Alexandra Junior High School provides the students with the opportunity to investigate and develop important knowledge, skills, and attitudes relative to the design, construction, and maintenance of various projects. It will be based on 5 themes or modules that use the following:

Safety

Hand Tool Basics

Power tool Basics

Design Basics

Construction Technology Studies

The Students will be provided with introductory level assignments for these themes so that they will gain the skills and experience needed to continue with other modules in this strand.

2. Learner Objectives

The students will:

- A. Appreciate the importance of the construction and manufacturing industries in relation to our personal, social, and economic well being.
- B. Demonstrate a working knowledge of material, tools, and processes that are used to create buildings and other related products that meet the needs and wants of society.
- C. Apply effective and responsible decision-making skills in design and construction of building and durable goods.
- D. Develop positive attitudes toward individual and teamwork responsibilities, quality production, and service.
- E. Develop an appreciation for health, safety, and environmental issues related to construction and manufacturing.
- F. Link, in meaningful and practical ways, the knowledge skills, and attitudes developed in other strands and other courses in this strand.
- G. Assess personal interest and abilities related to making career choices.

3. Methodologies

Group discussion

Demonstrations

Problem solving

Lecture

Assignments and Quizzes

Videos

4. Evaluation

The student's final mark will be based on the following:

Work Habits and Routines	40%
• See evaluation matrix below	
Projects	30%
Tests	30%
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	100%

5. Appeal Process

Students who wish to appeal an evaluation that they have received must first discuss their concerns with their teacher. Final appeals rest with the school's principal, as per school policy.

**AJHS
CTS SHOP**



Name: _____

Teacher: McClain

Date : _____

Title of Work: _____

	Criteria				Points
	1	2	3	4	
Student arrives in class on time and ready for work	Student usually not sitting quietly or prepared	Student is not prepared but sitting quietly	Student is usually sitting quietly and prepared	Student is always prepared and sitting quietly waiting for instructions	_____
Student listens to instructions quietly.	Student is not listening to the instructions and not following directions without guidance	Student sometimes listens to the instructions and often does not follow directions	Student usually listens to the instructions quietly and follows directions	Student always listens to the instructions quietly and follows directions	_____
Student works independently, on task, and uses time effectively	Student is not and task and needs constant reminders to stay on task.	Student is sometimes on task and works independently	Student is almost always on task and works independently	Student is on task throughout the class and works independently	_____
Student follows all the safety rules and uses the tools appropriately	Student needs constant reminders to work safely and uses the tool appropriately	Student usually works safely but needs reminders once in a while	Student almost always works safely without being reminded	Student always works safely and uses the tools properly without being reminded	_____
Student helps to keep work area safe and participates in end of class clean up	Students work area is not usually clean and helps very little with final clean up	Student sometimes keeps work area clean and helps with final clean up	Student usually keeps work area clean and helps with final clean up	Student keeps work area clean and always helps with the final clean up	_____
				Total---->	_____

Teacher Comments: