

**CAWS Lesson Plan
Template**

Program:

Instructor:

Course Title:

Date:	July 1, 2011					
Lesson Length:	55 minutes for 2 to 3 days					
Topics:	Graphing/Computational Fluency/Compare and Contrast					
OVERVIEW / ANNOTATION: Students will be using Cullman electric Cooperative's myusage.com to calculate and graph power usage, and then on another day they will compare a business and a house usage.						
BACKGROUND / PREPARATION: Knowledge of the website that the teacher will review with students prior to their access to the site. Teacher will show a comparison of her house and a chicken house meter. Students will already have knowledge of percents and graphs.						
PRIMARY LEARNING OBJECTIVES: Constructing a graph of the students choice and comparing and contrasting electricity usage.						
ESSENTIAL QUESTION(S): How can my parents track how much electricity we use daily? Which uses more electricity a house or a business?						
MATERIALS, EQUIPMENT AND TECHNOLOGY RESOURCES						
	Textbook		Lab Manual		Video	Other
x	Adv. Committee	x	Posters		Multi-Media	
x	Speaker	x	Supplemental Materials	x	Internet	
CONTENT STANDARDS & TASKS: <i>Alabama Course of Study</i> Technology COS: 5, 6, 11 Math COS: # 1, 10						
PROCEDURES, ACTIVITIES, AND LEARNING EXPERIENCES						
	Individual work	x	Group Work		Lecture	Skills USA
x	Class Discussion		Project	x	Speaker	Live Work
x	Visuals		Review		Video	
	Homework	x	Handout		Field Trip	
ASSESSMENT STRATEGIES						
	Homework		Portfolio	x	Class Work	Test
x	Teacher Observation		Other:		Performance	x Feedback from Discussion
LESSON INSTRUCTION INCLUDES:						
	Safety Instruction		Presentation	x	Higher Order Reasoning	
x	Project-Based Learning		Role Playing		Work Ethics	
	Integrated Academics	x	Simulation		Integrated CTSO Experiences	
	Employability Skills	x	Problem Solving Skills		Management Skills	
TEAMWORK ACTIVITIES: Students will be using Cullman electric Cooperative's myusage.com to calculate and			PROVISIONS FOR INDIVIDUAL DIFFERENCES: Students will be working in a group that will be established by teacher.			
AVAILABLE STUDENT INDUSTRY CREDENTIALS:						
COURSE / PROGRAM CULMINATING PROJECT: Students graphs will be posted outside in the hallway and pictures posted on teacher's website.						