

Program: CAWS - Topre

Instructor: Kim Kanaday

Course Title: Math 7th

Date:	6/11/10				
Lesson Length:	2 days				
Topics:	guest speaker and comparing decimals				
<b>OVERVIEW / ANNOTATION:</b>					
Students will be able to use comparing decimals to see if car parts or other items will fit into the spec requirements					
<b>BACKGROUND / PREPARATION:</b>					
Students need to understand decimal alignment. Studnets will be given cards to see if they can fit into the required specs( they need to fit between the other 2 decimals given. Measuring should be have already been taught. Find objects for the students to measure. Have table set up with objects and required specs. The students should measure each item, write down measurement, and decide if the item fits into the required spec.					
<b>PRIMARY LEARNING OBJECTIVES:</b>					
Students should learn how to order decimals from least to greatest and compare decimals.					
<b>ESSENTIAL QUESTION(S):</b>					
what number fits between 7.2 and 7.7 ( 7.12, 7.456, 7.8, 17.3) and why? Cars parts need to meet spec requirements before being shipped out what are 5 decimals measurements that will fit between 2mm and 3mm? Does the car meet spec requirements spec 1.25 - 3.0 ? measures 2.45 yes or no and why?					
<b>MATERIALS, EQUIPMENT AND TECHNOLOGY RESOURCES</b>					
x	Textbook pg 556 glencod		Lab Manual		Video
	Adv. Committee		Posters		Multi-Media
x	Speaker topre		Supplemental Materials		Internet
					Other
<b>CONTENT STANDARDS &amp; TASKS:</b> <i>Alabama Course of Study</i>					
2.4 applying prop of decimals 3.2 determine reasonableness of results					
<b>PROCEDURES, ACTIVITIES, AND LEARNING EXPERIENCES</b>					
x	Individual work	x	Group Work		Lecture
x	Class Discussion		Project	x	Speaker
x	Visuals		Review		Video
x	Homework		Handout		Field Trip
<b>ASSESSMENT STRATEGIES</b>					
	Homework		Portfolio		Class Work
x	Teacher Observation		Other:		Performance
				x	Test
					Feedback from Discussion
<b>LESSON INSTRUCTION INCLUDES:</b>					
	Safety Instruction		Presentation		Higher Order Reasoning
	Project-Based Learning		Role Playing		Work Ethics
	Integrated Academics		Simulation		Integrated CTSO Experiences
x	Employability Skills	x	Problem Solving Skills		Management Skills
<b>TEAMWORK ACTIVITIES:</b>			<b>PROVISIONS FOR INDIVIDUAL DIFFERENCES:</b>		
groups of 3 or 4 rotating tables to measure items. Each person should have a job.					
<b>AVAILABLE STUDENT INDUSTRY CREDENTIALS:</b>					
Guest speaker will explain what happens at Topre and how this math is used at Topre					
<b>COURSE / PROGRAM CULMINATING PROJECT:</b>					