

Technology Education Sample Lesson Plan

Teacher Mr. Travis Berwick Course Title TED 450
 Date(s) March 5, 2007 Grade Level 9th
 Class Periods N/A Instructional Topic Converting fractions to decimals and reading a micrometer

Materials/Resources: <i>Blackboard, Chalk, Micrometers, Calculators, Precision parts, handouts</i>		Independent Practice (Assignments): <i>Worksheet</i>
Pennsylvania Standards: 1. 3.6.10.C- Apply physical technologies of structural design, analysis and engineering, personnel relations, financial affairs, structural production, marketing, research and design to real world problems. 2. 3.7.10. B- Apply appropriate instruments and apparatus to examine a variety of objects and processes.		
Performance Indicators <i>The student will:</i> 1. Identify the correlation between measurement technology and math through the use of fractions and converting numbers into decimals. 2. Utilize proper measurement techniques with a micrometer to measure specific, precision items.		
Instructional Strategies: Lecture Demonstration Audio-video presentation Student practice Brainstorming Field trip Guest speaker Room maintenance Peer tutoring Experimentation Class discussion Note taking	Assessment Strategies: Teacher-made tests: After the students practice converting fractions and using a micrometer, students will take a test on the subject matter. Demonstrations: students will demonstrate to the teacher how to accurately measure an object using a micrometer. Laboratory experiments Oral presentations Panel discussions Charts and other graphics Teacher Observations: Teacher will observe students measuring various precision parts.	Adaptations: Modified assignments Cooperative learning Modified expectations Tests read orally Task analysis Acceleration Computer reinforcement Preferential seating Repeated practice Other: Teacher Notes, Speak loudly for all students to hear, Use of proximity, Obey all IEP's, SA's and BMP's