

Name: Woods		Grading Quarter:1	Week Beginning: 9/2/24
School Year: 24-25		Subject: MAT 142	
Monday	Notes:	No school	
Tuesday	Notes:	<p>Objective: Students will use dimensional analysis to convert units.</p> <p>Lesson Overview:</p> <p>Notes: Conversion factors for length (in, cm, ft, yd, mi), time (sec, min, hr, etc), volume (cup, gallon, etc), currency (dollar, euro, peso, etc), and temperature (F, C). Focus on the importance of writing units in the problem and “cancelling out” the units from the numerator and denominator.</p>	Academic Standards: NPC.CO2. Apply Problem Solving Strategies to Applications.
Wednesday	Notes:	<p>Objective: Students will use dimensional analysis to convert rates.</p> <p>Lesson Overview:</p> <p>Notes: Real-world examples of rates (\$/lb at grocery store, mph in car, \$/hr in salary). Convert rates using same dimensional analysis process from previous lesson. Students work in pairs to convert the worksheet examples.</p>	Academic Standards: NPC.CO2. Apply Problem Solving Strategies to Applications.
Thursday	Notes:	<p>Objective: Students will use dimensional analysis to convert rates.</p> <p>Lesson Overview:</p> <p><i>This is a continuation of previous day's lesson</i></p> <p>Focus on “better buy” examples from grocery stores</p>	Academic Standards: NPC.CO2. Apply Problem Solving Strategies to Applications.
Friday	Notes:	<p>Objective: Students will use dimensional analysis to convert rates.</p> <p>Lesson Overview:</p> <p>Canvas work day – independent practice</p>	Academic Standards: NPC.CO2. Apply Problem Solving Strategies to Applications.