

Physics Target 00-02

I can collect quantitative and qualitative data with accuracy and precision.

Learning Goals Record For _____

E	Exceeds Target (Exemplary)
M	Mastery of Target (Application)
P	Proficient in Target
AP	Approaching Proficiency
ND	Needs Development
NE	No Evidence to Measure

Assignment/Assessment & Date

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Data Collection Goal 1 I can correctly identify the number of significant figures in a given value in both standard and scientific notation.							
Data Collection Goal 2 I can collect data and express measurements accurately and represent the answers with correct precision.							
Data Collection Goal 3 I can apply the rules for significant figures in calculations.							
Data Collection Goal 4 I can rearrange an equation to solve for a variable.							
Data Collection Goal 5 I can use seven point problem solving to find a solution to a problem.							
Data Collection Goal 6 I can use dimensional analysis to convert between units.							
Data Collection Goal 7 I can express qualitative observations descriptively.							

7 Point Problem Solving

- Draw and label a sketch of the problem.
- List given information with variable labels.
- List base equation.
- Rearrange equation to solve for unknown variable.
- Insert given information into rearranged equations.
- Solve the mathematics.
- Solve the units.