

Tuesday, April 28/15  
Science 122

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Mr. Hallihan's Room - Presentation by Farhan Hossain

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Physics 122/121

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1. Experiment 8.1 - Kepler's Laws - Page 49  
Due - 4 Days Late Today
  2. Investigation 12-A: Orbital Speed of Planets, Page 581  
- 2 Days Late Today
  3. Quiz: U2-S2 - Circular Motion and Universal Gravitation
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Tuesday, April 28/15  
Science 10

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1. Article Review - Unraveling the Light of Fireflies  
- Due: 4 Days Late Today
  2. Experiment - Measurements and Significant Digits  
- 1 Day Late Today
  3. Chemistry Task Sheet - Was Due Yesterday
  4. Formative Assessment - Rearranging Equations
  5. Check: Understanding Concepts - Page 349: #9
  6. Physical Quantities
  7. Uniform Motion
  8. Graphs
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9. Distance vs. Time Graphs
  10. Activity: Tumble Buggies

## Formative Assessment - Rearranging Equations

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Solve for the indicated variable.

1.  $C = 2\pi r$  [r]

2.  $D = \frac{m}{V}$  [m]

3.  $y = mx + b$  [x]

$$y = mx + b \quad [x]$$

$$y - b = mx + b - b$$

$$\frac{y - b}{m} = \frac{mx}{m}$$

$$\frac{y - b}{m} = x$$

4.  $A = \frac{1}{2}bh$  [h]

5.  $A = \pi r^2$  [r]

6.  $F = \frac{J}{t}$  [t]

$$F = \frac{J}{t} \quad [t]$$

$$\frac{Ft}{F} = \frac{J}{F}$$

$$t = \frac{J}{F}$$