



PARKSIDE CHRISTIAN ACADEMY

215 Forest Hills Street, Boston, MA 02130

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Weekly Sheet for HS-1 Algebra

Mr. Charlton

Week # 6

Dates: October 3, 2011 – October 7, 2011

Topics/Content/Skills:

Topic: Creating and solving equations

Content: This week the students will learn how to create and solve equations based on real world applications.

Skills: Students will be able to understand and use

- Equations based on real world applications.
- Identify solutions of equations and formulate a check.

Vocabulary/Key Terms/Formulas:

Vocabulary:

1. Exponent
2. Equations
3. Expressions
4. Check

Key Terms: Not this week.

Formula: NA

Homework:

| | <u>Lesson</u> | <u>Homework</u> |
|----------------|---|---|
| <u>Monday</u> | Begin Lesson of: <ol style="list-style-type: none"> 1. Learning the difference between and expression and an equation. | Students will: <ul style="list-style-type: none"> • Complete work sheet given in class |
| <u>Tuesday</u> | Continuation of lesson: The difference between an expression and an equation. | Students will: <ul style="list-style-type: none"> • Complete handout given in class. |

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|-------------------------|--|--|
| | | <ul style="list-style-type: none"> • Students will also receive textbooks. |
| <u>Wednesday</u> | Learning: <ul style="list-style-type: none"> • The parts of an equation, | Students will: <ul style="list-style-type: none"> • Have no homework |
| <u>Thursday</u> | Learning: <ul style="list-style-type: none"> • How to write equations | Students will: <ul style="list-style-type: none"> • Complete p.132 #15-32. All problems must be solved and checked |
| <u>Friday</u> | All School Field Trip | Students will: <ul style="list-style-type: none"> • Complete p.132 #41-48 of the textbook. |

Tests:

NA

Special Events/News:

Topsfield Fair Field Trip- October 7, 2011

Extra-ordinaries/Mastery Review Material:

- Find the missing quantity in each of the following:
 - What is 10% of 672.3 kg?
 - 42 are what percent of 132.3 g?
 - 18.7 g is .5% of what amount?
- In 80.042 g (1 mole) of ammonium nitrate, there are 28.014 g of nitrogen; 47.997 g of oxygen and the rest is hydrogen.
 - What percent of ammonium nitrate is nitrogen?
 - What percent of ammonium nitrate is oxygen?
 - What percent of ammonium nitrate is hydrogen?