

iModule

| | |
|----------------------------|---|
| Teachers' Name: | Ms. Simoncic & Mrs. Stokes-Moncur |
| Period(s): | 8th/ Pre-Algebra |
| iModule: | Percent of Change |
| Focus: | <u>NGSSS</u> MA.7.A.1.2 <u>Common Core</u> MACC.7.RP.1.3 – Use proportional relationships to solve multistep ratio and percent problems. (Example: simple interest, tax, markups and markdowns, gratuities and commission, fees, percent increase and decrease, percent error. |
| Essential Question: | How does understanding percent affect my life? |
| Start Date: | August 23, 2013 |
| Deadline: | August 30, 2013 |

Goals to accomplish:

Students will be able to...

- Calculate discounts, simple interest, taxes, tips and percent of increase or decrease.
- Understand percent of change
- Understand application of percent
- Understand simple interest

| | |
|-------------------------------------|---|
| Mathia Component: | <ul style="list-style-type: none"> • Mathia Island Units 1 – 8 |
| Carnegie Learning Component: | <ul style="list-style-type: none"> • How to submit: Students will submit the following assignments by turning in the following workbook pages. • Carnegie Math Course 2 – Student Assessment → Chapter 3 pre-test (pp.1051-1054) • Carnegie Math Course 2 Lesson 3-4 Student TB pp. 169-176 • Carnegie Math Course 2 Lesson 3-4 Student Assignment pp. 59-62 • Carnegie Math Course 2 Student Assessment Chapter 3 Standardized Test practice pp. 1069-1074 |
| Technology Component: | <ul style="list-style-type: none"> • Review percent word problems on Khan Academy (https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/percent_word_problems/v/percent-word-problems) |

iModule

| | |
|--|--|
| | (Students are able to view multiple videos.) |
|--|--|

| | |
|-----------------------|--|
| PBL Component: | <ul style="list-style-type: none"> • Information on separate PBL file. [iPBL.7.Percent] |
|-----------------------|--|

| | |
|--------------------|---|
| Assessment: | <ul style="list-style-type: none"> • Carnegie Math Course 2 Student Assessment Chapter 3 Post Test pp. 1055-1058 |
| Follow Up: | <ul style="list-style-type: none"> • Students will complete exit slip using “Edmodo”. |

| Intervention: | Enrichment / Advancement: |
|--|---|
| <ul style="list-style-type: none"> • Mathia Islands Course 1 units 6-1 to 6-5 • Carnegie Math Course 2 Lesson 3-4 Student Skills Practice pp. 469-480 • Use Smart Notebook program to reteach concept. • Small group instructions based on students’ data. | <ul style="list-style-type: none"> • Students will create and solve real-world problems and use the SmartBoard for small group presentation • Students will create a rhyme/rap to help their class understand percentages |