

Teacher(s): Joyalle
 Time:

Student:
 Course Dates: 2011/2012

The Course Organizer

① THIS COURSE:

7th Grade Math

is about Thinking in new ways, using a variety of methods to solve math problems.

② COURSE QUESTIONS:

1. How can you find the sum of the interior angles of a polygon?
2. How do you represent and interpret changing relationships?
3. What is needed for shapes to be similar?
4. How can you use similarity and proportions to solve other problems?
5. What effect does the sign of the integer have on the operation?
6. How does enlarging a figure or solid affect the area and/or volume?
7. How are theoretical and experimental probabilities related?
8. How do different data sets affect your interpretation of the data?
9. What makes a number rational?
10. Why does the pythagorean theorem work?

③ COURSE STANDARDS:

What?	How?	Value?
CONTENT: Understanding Concepts	Test/Worksample Quiz	25% 25%
PROCESS: Performance- Practice & Study	Class-Projects Homework & materials	25% 25%
		100%

Notes:

COURSE MAP

This course: **7th Grade Math**

Student: _____

includes

⑥ COMMUNITY PRINCIPLES

- Safe
- Respectful
- Responsible
- Teamwork

⑦ LEARNING RITUALS

Math Spirals	Content Enhancement	Lesson & Demonstration
Groupwork	Routines	
Independent Practice		

⑧ PERFORMANCE OPTIONS

- Extended Time
- Use of Technology
- Study Groups
- Test Retakes
- Graded Note

