

**Century Middle School  
Course Syllabus  
2009-2010**

<b>Course Title: Math 6</b>	<b>Instructor Name:</b> Jon Overboe
<b>Any Prerequisites: None</b>	<b>Contact Information:</b> jon.overboe@adams12.org 720-972-3255
	Homework posted daily on: <a href="http://www.century.adams12.org/overboe.htm">http://www.century.adams12.org/overboe.htm</a>
	Mr. Overboe will be available for extra help in math at least once a week during Core Time. Students can also schedule a time to come in and get extra help on an as needed basis.
<b>Course Description: 6<sup>th</sup> Grade Math</b> <b>CMP is a problem centered program designed to assist students in developing understanding and skill as they explore problems individually, in a group, or with the whole class. It also provides skills practice with homework questions that give students practice with important concepts, skills, and algorithms.</b>	

<b>Books Covered in CMP (approximate time required)</b>	<b>Contents in Brief</b>
Prime Time (5 weeks)	Factors and Multiples: number theory, including factors, multiples, primes, composites, prime factorization. <i>Standards Addressed: Number Sense and Computation</i>
Bits and Pieces I (5 weeks)	Understanding Rational Numbers: move among fractions, decimals and percents; compare and order rational numbers; equivalence. <i>Standards Addressed: Number Sense and Computation</i>
Data About Us (4 weeks)	Statistics: formulate questions; gather, organize, represent, and analyze data; interpret results from data; range and measures of center-mean, median, and mode. <i>Standard Addressed: Statistics</i>
Covering and Surrounding (5 weeks)	Two-Dimensional Measurement: area and perimeter relationships, including minima and maxima; area and perimeter of polygons and circles, including formulas. <i>Standards Addressed: Geometry and Measurement</i>
How Likely Is It? (4 weeks)	Probability: reason about uncertainty, calculate experimental and theoretical probabilities, equally-likely and non-equally-likely outcomes. <i>Standard Addressed: Probability</i>
Shapes and Designs Inv. 1&2 (4 weeks)	Two-Dimensional Geometry: regular and non-regular polygons, special properties of triangles and quadrilaterals, angle measure, angle sums, tiling, the triangle inequality <i>Standards Addressed: Geometry and Measurement</i>
Bits and Pieces II (5 weeks)	Understanding Fraction Operations: understanding and skill with addition, subtraction, multiplication, and division. <i>Standards Addressed: Number Sense and Computation</i>

<b>Grading Scale</b>	
<b>A</b>	<b>90-100</b>
<b>B</b>	<b>80-89</b>
<b>C</b>	<b>70-79</b>
<b>D</b>	<b>60-69</b>
<b>F</b>	<b>59 or below</b>

<b>Grade Percentages/Weights</b>	
<b>Assessments</b>	<b>75</b>
<b>Homework/Classwork</b>	<b>25</b>

## **Student Expectations**

### **Student Expectations:**

- Every student will need one composition notebook for warm-ups, notes, class work, homework, reflections, quizzes and tests. It is very important that math notebooks are organized, as they will be collected for a grade at the end of each unit. Students will need a separate composition notebook to be used as a Toolkit. Students will need a pocket portfolio with center fastener to be used as a data notebook.
- Students are expected to use their agendas daily to record assignments and assessments. A daily agenda will be posted.
- Students are expected to attend class regularly, be on time and be prepared (with pencils, pens, glue sticks, notebook, textbook, homework and calculator).
- Book homework can be expected on a regular basis and is due the following day in class, unless otherwise noted. Students who do not have their homework assignment for the day, and were in class when it was assigned, will be expected to make it up. It will be counted as late, with the maximum of 70% of the original value.
- Absent students are responsible for making up all missed class work and homework assignments. In addition to checking the agenda, students can check my website <http://www.century.adams12.org/overboe.htm>, which is updated on a daily basis. District policy will be followed in regards to absences and make up work.
- Extra help is available and encouraged. I am able to help students during class, as well as outside of class by appointment. Students should be concerned about their progress on a daily basis, not just at the end of the trimester. Progress reports will be emailed at least once per week.
- All students are expected to demonstrate academic honesty in all classes at all times. Academic honesty is performing and producing your own work on your own knowledge, talent and efforts. Please review the CMS academic policy in the student agenda.

**Review, sign and return no later than Wednesday, September 2, 2009**

Parents/Guardians:

I have reviewed this syllabus and understand what will be required of the student during this class. I also understand that the student will be assigned a textbook that will be returned at the end of each unit. Failure to return a book will result in a \$20 fine.

Please feel free to contact me at any time. I look forward to speaking with you and to a very rewarding year! Thank you very much.

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_

Print Name \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Print Name \_\_\_\_\_