Teacher: Mr. Craig Wise
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7th Pre-Algebra Syllabus

Course Description: This course is on track to complete Algebra 1 by the end of 8th grade. This year will be very rapid and intense, having to complete 7th and 8th grade Common Core State Standards simultaneously. I expect students in this class to be challenged often as the year progresses.

Course Objective: In this course students will become active members of a group who will learn new concepts to add to their mathematical understanding. The student will reason logically, problem-solve, and apply strategies to be successful on state assessments, future educational courses, as well as everyday life.

Keys to the class:
* Attend class regularly with a positive attitude about math.
* Complete assignments with your best effort.
* Take part in discussions, and ask for help or clarification if needed.
* Take time to prepare for assessments.

Grading Scale: Grade composition will be weighted with Assessments = 85%, Quizzes, Daily work/Homework = 15%. The chart below describes how final grades are assigned.

Grade	%	Grade	%	Grade	%
A	93 - 100	B-	80 – 82.9	D+	67 – 69.9
A-	90 – 92.9	C+	77 – 79.9	D	63 – 66.9
B+	87 – 89.9	C	73 – 76.9	D-	60 – 62.9
B	83 – 86.9	C-	70 – 72.9	F	0 – 59.9

Assessments:
I Assessments will be taken, in class, at the end of each unit.
II Assessments missed due to absences will be made-up as soon as possible.
III **Retakes will be allowed with evidence of standards knowledge improvement.**

Quizzes:
I Quizzes will be taken, in class, as concepts are completed.

Homework:
I Daily assignments not completed in class must be completed by the beginning of the period the following class day, unless otherwise instructed.
II Daily assignments will be self corrected in class the following class day.

HELP!!! I will be available most mornings from 7:30 to 8:00, and after school most days until 3:45. Don't hesitate to ask for help. Also, I'm more than willing to make special arrangements for assistance.

Contact: Any concerns and/or questions should be addressed to me. I can be reached at the school (**782-2001**) between 7:45 and 9:30, or at home (**264-4305**) between 6:00 PM and 10:00 PM, or email me at **cwise@cashmere.wednet.edu**. Email is the best and most immediate option.

Mission Statement: *Every day in my classroom I will strive to help my students achieve their full potential. My students will enter knowing I believe in their ability and will be held to high expectations in academics, citizenship, and behavior. My students will believe in themselves and give their best effort. They will be empowered as a positive, productive learner for life.*

I am looking forward to an exciting experience this year, and I hope you are also.

Sincerely: Mr. Craig Wise

7th grade pre-algebra pacing guide.   8th grade standards in grey

(10 days): Chapter 1, Computations with integers. 7.NS.1,2,3

(10 days): Chapter 2, Computations with rational numbers. 7.N.S.1,2,3

(5 days): NWEA MAP Testing; IXL Diagnostic

(15 days): Chapter 3 Lessons 1-2, Simplifying algebraic expressions. 7.EE1,2)

          : Chapter 3 lessons 3—5, Solving algebraic equations. 7.EE.4a

          : Additional topics 2 and 3 Solve equations with variables on both sides. 8.EE.7a,b

(8 days): Chapter 4, Write, solve and graph inequalities. 7.EE.4b

(7 days): Chapter 5, Proportional relationships. 7.RP.1,2

(10 days) : Chapter 13, Slope, Y=mx+b, solve systems of equations by graphing. 8.EE.4,5,6,8a,b,c

(5 days): Chapter 6, Solving Percent problems. 7.RP.3

(15 days) Chapter 7, Line and angle relationships. 7.G.1,2,5

          :Chapter 12, Parallel lines and transversals. 8.G.5

          :Chapter 14, Roots and Pythagorean Theorem. 8.EE.2; 8.G.6,7,8; 8.NS.1,2

(10 days) Chapter 8, Circles: Area and Circumference. 7.G.4,6

(10 days) Chapter 9, Volume of 3d figures. 7.G.3,4,6

          :Chapter15, Volume of Cylinders, cones and spheres. 8.G.9

(10 days) Chapter 9, Surface Area of 3d figures. 7.G.4,6

(5 days) Chapter 10, Statistics and Probability. 7.SP.1,2,3,4,5,6,7,8

(10 days) :(continue Chapter 10, Statistics and Probability. 7.SP.1,2,3,4,5,6,7,8

(5 days)): NWEA MAP Testing

(10 days) :Chapter 9 (8th gr. Book), Scatter plots, Lines of best fit, two-way tables. 8.SP.1,2,3,4

(10 days) 7th grade math review and SBA Practice tests.

(5 days) SBA: CAT and PT

(8 days) Chapter 11, Transformations. 8.G.1,2,3,4

          Chapter 16, Exponents and Scientific notation. 8.EE.1,3,4