Math 7/8 Syllabus 2017-2018

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COURSE OVERVIEW: Math 7/8 includes all pre-algebra skills. It sets high expectations for all students, making provisions for enrichment and acceleration for advanced students and remediation for students who need more assistance. The curriculum provides a complete correlation of the South Carolina Mathematics Curriculum Standards and the Holt McDougal: *Larson Pre-Algebra* textbook. It will give students a broad range of information covering the five strands of mathematics: Number and Operations, Algebra, Geometry, Measurement, Data Analysis and Probability.

TEXTBOOK: Holt McDougal: *Larson Pre-Algebra*
Because we have a classroom set of books, students are to leave their school issued book at home.

MATERIALS: Students should bring these items to class with them every day, unless specifically instructed otherwise:

1. **Binder**: A binder with lined paper. You may have a smaller, individual binder or a section for math in a larger one.
2. **Composition notebook**
3. **Pencils and erasers:** Work must be done in pencil.
4. **Scientific Calculator –** This is optional. There will be some units in which students will not be allowed to use calculators, and others in which students will be strongly encouraged to use one.
5. **Earbuds:** This is optional. These will be used when working independently on a computer.
6. **Box of tissues.** I do not need hand sanitizer.

RESOURCES:
http://my.hrw.com
This is the website for our math textbook company.
Students will have individual user names and passwords. It is suggested students write these down in their agenda.
Practice: Most websites below include math games that review skills.
http://www.mathplayground.com/
http://www.funbrain.com/brain/MathBrain/MathBrain.html
http://www.coolmath4kids.com/
http://www.kahnacademy.org/
http://www.usatestprep.com

COMMUNICATION:

- Assignments and dates of assessments will be posted on my school website and updated on a regular basis.
- Contact will be made through phone calls and e-mail, as needed.
- Parents are encouraged to access grades online and contact me as needed, using the information provided at the top of this page.
- **ABSENTEEISM:** If a student is absent, it is the student's responsibility to check with another student, the assignment board in the classroom, or the website for missed work. It is the student's responsibility to schedule make up tests and complete other assignments within 5 days of the absence. Students should also check with a fellow classmate for missed notes, and other important information.

GRADING:
As per district policy:
50% Major Assessments (Tests and ALEKS projects)
40% Minor Assessments (Quizzes)
10% Practice (IXL, homework, classwork, etc.)

Greenville County Grading Scale
A 90-100
B 89-80
C 79-70
D 69-60
F 59-50

Three to four major tests each quarter (at least one per unit).

- All classwork, homework, handouts, and returned papers should be kept in the binder. After each test, students can take papers home to save or discard. These are excellent notes to review for unit tests and benchmark tests.
- Students are encouraged to save chapter review assignments, quizzes, etc. to prepare for the cumulative benchmark test at the end of each quarter and the final exam/benchmark test at the end of the year.
- Two to three unit tests each quarter and an ALEKS grade (Weekly grades will be averaged for the quarter and count as a project grade).
- Approximately four quizzed each quarter.
- All assignments started in class will have a due date. If they are not completed in class they must be finished outside of class. All work must have the required work shown.
- All math assignments must be completed in pencil.
- Students will keep workbooks and textbooks at home. We will announce to students when they may need to bring in pages from the workbook.
- IXL assignment handouts, workbook or textbook pages, or other handouts will be counted as classwork/homework (practice). Students will be given an IXL assignment handout every Friday with a list of activities to complete. These will be due on Thursday of the following week. Any additional homework assignments will be written on the board, and should be copied into the student's agenda.

ASSIGNMENTS other than IXL or ALEKS

Homework will be assigned periodically outside of completing IXL or ALEKS. It is due the next school day unless specified otherwise. To earn full credit (100 points), work must be:

- complete (all assigned problems have been done).
- turned in on time.
- labeled with the student's name, class period, assignment page number and problem numbers.
- have all problems copied and all work shown (as demonstrated in class) .

Any students who has an NHI (not handed in) or grade below a 70 will be expected to make-up this work during flex time in the afternoon.

CLASSROOM PROCEDURES: On most days, our classes will follow this progression:

1. Warm-ups or Enter Ticket. This would also be the time for students to take out any homework or assignments that need to be checked.
2. Introduce new objective(s)
3. Practice (IXL assignment(s)
4. Review the day's objective(s)
5. Remind students of due date for assignments. (Students should finish IXL assignments for homework if not completed in class.)
6. Any students who have completed all IXL assignments assigned should be working on ALEKS. Flex time will also be a valuable time to complete any IXL or ALEKS assignments.

CLASSROOM BEHAVIOR EXPECTATIONS:

- Be on time.
- Bring all required materials.
- Stay in your seat.
- Raise your hand and wait for permission to speak.
- Show respect to everyone.

Any behavior that interferes with the learning of self or others cannot be allowed and will be dealt with accordingly and consistently. The RMS discipline System will be followed.

Units of Study:

Operations (whole numbers, decimals, fractions, integers)
Equations, Inequalities, Scientific Notation, Exponents
Inferences
Probability
Transformations
Geometry
Functions
Systems