

## Wallenpaupack Area School District

### Wallenpaupack Area North Primary and South School

Course Title: Second Grade Mathematics

Length of Course:

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#### District Policies:

##### ***Academic Integrity:***

Academic integrity is essential to the success of an educational community. Students are responsible for learning and upholding professional standards of research, writing, assessment, and ethics in their areas of study. Written or other work which students submit must be the product of their own efforts and must be consistent with appropriate standards of professional ethics. Academic dishonesty, which includes cheating, plagiarism, multiple submissions and other forms of dishonest or unethical behavior, is prohibited.

##### ***Assessment:***

The goal of grading is to report student progress and achievement to the parents to strengthen the home-school connection. The grade should accurately reflect the student's performance in mastering the PA Standards and the WASD curriculum.

##### ***Attendance:***

Regular school attendance is vitally important to academic success. Not only does attendance reinforce and enrich the learning process; it also establishes patterns and attitudes that will carry forward into adult work habits. Regular, consistent attendance is a prerequisite to successful school life. Children should be absent only in cases of illness or emergency.

##### ***Special Education:***

Our commitment to each student is to ensure a free appropriate public education which begins with the general education setting, with the use of Supplementary Aids and Services. Inclusive education describes the successful education of all students with the appropriate supports and services to participate in and benefit from the general classroom settings and other educational environments.

#### Course Description:

In Grade 2, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.

#### **Core Curriculum:**

##### **Operations and algebraic thinking**

##### **Number and Operations in Base Ten**

##### **Measurement and Data**

##### **Geometry**

#### **Course Objectives:**

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

**Major Activities to Support Course Objectives:**

- Number Talks Mental Math
- Math Practice – Computer Games
- Math Games
- Calendar Activities

**Student Responsibilities:**

- Classroom participations
- Work cooperatively in large and small groups
- Use math materials appropriately
- Homework completion

**Assessment:**

- End of Unit Tests
- Quarterly Tests
- End of Year Tests
- Quizes
- Timed Addition and Subtraction Speed drills

The Second grade report is a reflection of developmental progress. In addition to the assessments listed above, classroom activities and informal assessments are also considered in determining the students final grades .

**Academic Grading Key**

**S – Secure – (90-100%)**

Child can apply the skill or concept consistently, correctly, and independently.

**D – Developing - (70%-89%)**

Child shows some understanding. However, errors and misunderstandings still occur.

Reminders, hints and suggestions are sometimes needed.

**B – Beginning – (69% &below)**

Child cannot complete the task independently and correctly. Child shows little understanding of the concept.

**X – Not Assessed**

Skill is not assessed at this time.

**I – Incomplete**

Skill could not be assessed due to missing work.

**W – Working to**

Child is working to the best of his/her ability.

**Potential**

## Content Pacing Guide:

These common core skills will be taught and developed throughout the year in second grade:

Topics
<ul style="list-style-type: none"><li>• Addition and Subtraction within 20 using mental strategies</li><li>• Picture and Bar Graphs</li><li>• Odd/Even Numbers</li><li>• Word Problems</li><li>• Place Value</li><li>• Counting by 5s, 10s, 100s</li><li>• Comparing two and three-digit numbers</li><li>• Money: Coin identification, counting coin combinations to \$1.00, word problems</li><li>• Add and Subtract within 1000</li><li>• Measure and estimate lengths in standard units: inches, feet, centimeters, and meters</li><li>• Solve word problems involving lengths</li><li>• Telling time to the nearest 5 minute interval using AM and PM</li><li>• Fractions: halves, thirds, fourths</li><li>• Geometry: triangles, quadrilaterals, pentagons, hexagons, cubes</li><li>• Arrays</li></ul>