

## **Reading (Harcourt StoryTown)**

*The four components of reading (Phonics, Fluency, Comprehension, Vocabulary) will be taught through a comprehensive approach to literacy consisting of:*

- Explicit instruction in skills and strategies for all components of reading
- Small Group Reading Instruction – children read text in a small group under the teacher’s guidance
- Independent Reading – children self select and read books at their own independent reading level
- Read Alouds – children listen to books read aloud by the teacher to develop vocabulary, comprehension skills, and an appreciation of good literature

*Phonics:*

- Letter and sound association
- Word building
- Word study
- Spelling

*Vocabulary:*

- Study robust vocabulary and academic vocabulary to increase comprehension and create a rich verbal environment

*Fluency:*

- Develop automaticity with letters and sounds, and sight vocabulary
- Practice reading with expression to demonstrate comprehension
  
- Recognize, read and write high frequency words

*Comprehension:*

- Understand, remember, and communicate with others about the text
- Monitor comprehension by identifying difficulties and self assess as they read
- Use graphic organizers as a means to organize information to understand and remember concepts
- Generate and answer questions about their reading
- Recognize and understand different text structures
- Synthesize and summarize information within and across texts and reading experiences

## **Writing**

*A variety of approaches are used within a comprehensive writing program.*

- Explicit instruction in the skills and strategies of writing.
- Small Group Writing Instruction – children with similar needs work in a small group with teacher guidance to learn more about writing craft and conventions.
- Independent Writing – students work individually on their own writing.
- Opinion, Informational, and Narrative Writing
- Journal Writing
- Process writing
- Text Dependent Analysis Responses

## **Spelling**

- High frequency words.
- Harcourt Program

## **Handwriting**

- Top to bottom and left to right progression
- Continuous stroke, vertical manuscript

## **Speaking and Listening**

- Oral reading
- Retelling
- Conversation
- Class discussion

## **Science**

- Monarchs
- Changes
- Fossil Fuels and Our Carbon Footprint
- Pollinators

## **Social Studies**

- Civics in Communities
- Citizenship
- Branches of Government
- Geography Skills & Landmarks
- Economics in conjunction with Junior Achievement

## **Math**

*Operations and Algebraic Thinking*

- Fluently add and subtract within 20
- Solve addition and subtraction word problems
- Determine whether a group of objects is even or odd
- Use arrays and repeated addition

*Number and Operations in Base Ten*

- Read, write, and count numbers to 1000
- Skip count by 2s, 5s, 10s, and 100s
- Apply place value and number sense concepts
- Add and subtract within 1000
- Mentally find numbers that are 10 more/less and 100 more/less than a given number
- Explain addition and subtraction strategies

*Measurement and Data*

- Select and use appropriate tools to measure length
- Estimate lengths of objects
- Compare measurements of objects
- Solve word problems involving measurement
- Solve problems involving money
- Tell and write time to the nearest 5 minutes
- Organize, represent, and interpret data using graphs and line plots

*Geometry*

- Identify, draw, and describe 2-D shapes (triangle, quadrilaterals, pentagon, hexagon)
- Identify and describe 3-D shapes (cube, prism, cone, cylinder, sphere, pyramid)
- Find the area of rectangles
- Apply fraction concepts (halves, thirds, fourths/quarters)

*Problem Solving*

- Apply problem solving strategies

## Health

Identifying and Managing Emotions, Conflict Management, Personal Health Choices, Body Systems (circulatory, respiratory, skeletal, muscular, digestive), Nutrition, Safety and Injury Prevention

## Physical Education

*Human Development, Play Strategies and Age Appropriate Training in:*

Cardiovascular Fitness, Bilateral Strength, Coordination, Agility and Speed Training, and Rhythmic Activities, Exercise Physiological and Biomechanical Body Awareness, Concepts and Strategies in Game related Play, and Biomechanical and Physics related terminology and understanding related to movement with activities.

## Music

Melody and vocal skills, melody and pitch identification, rhythm and steady beat, instruments, movement, listening, expressive elements & form in music

## Art

- Lines can be used to define space and create movement
- Shapes can be either organic or geometric
- The qualities of color can be either warm or cool; opaque or transparent
- Space can be defined as either positive or negative space
- Texture can be created by overlapping shapes in lines
- Form has three dimensions

## Library

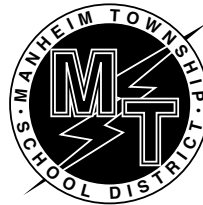
Participate in a library book exchange program once a week. Research skills are integrated into all curricular areas. Internet safety lessons will be provided to all students in second grade.

## Computer

Computers are used to supplement and enrich the curriculum. The mobile computer carts are typically used for whole-group and small-group instruction and tutorial assignments in the various subject areas.

## Homework

Homework is assigned as needed to reinforce basic skills. Second graders are expected to work twenty minutes per night on schoolwork. This should include homework sheets, spelling practice, math practice, and a minimum of 15 minutes of reading.



**MANHEIM TOWNSHIP SCHOOL DISTRICT**

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# Manheim Township School District Curriculum Summary

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# Second Grade



Revised 11/19

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