



**SYOSSET CENTRAL SCHOOL DISTRICT  
Elementary Curriculum Guide**

**Fourth Grade Curriculum Guide**



**\* AP Willits \* Baylis \* Berry Hill \* Robbins Lane \* South Grove \* Village \* Walt Whitman \***





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## **Fourth Grade: Reading**

<b>Standards</b>	<b>How can families support students?</b>
Finds relevant evidence from a text to explain and support ideas and make logical inferences	<ul style="list-style-type: none"><li>● Ask your child what they are reading in school.</li><li>● Ask your child Who, What, When, Where, Why, and How do you know? questions as they read.</li><li>● Ask your child what characters are in the stories they are reading, where the stories take place and how the setting and plot may influence characters actions and thoughts.</li><li>● Encourage your child to read every day from a variety of genres. (Fiction, non-fiction, poems, plays, articles, and journals)</li><li>● Ask your child what the author is trying to teach them in the books/texts they are reading.</li><li>● Listen to your child read aloud to practice their fluency.</li></ul>
Summarizes a text	
Determines the theme or central idea of a text, and explains how key details support it	
Applies reading strategies for comprehension	
Reads grade-level texts fluently to support comprehension	
Identifies and analyzes text structure	





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## **Fourth Grade: Writing**

<b>Standards</b>	<b>How can families support students?</b>
Produces a variety of text types (narrative, informational, opinion) that are logically organized and clearly convey ideas	<ul style="list-style-type: none"><li>● Parents can support young writers by encouraging them to journal about what they are reading and experiencing them in their lives.</li><li>● Parents can model the importance of writing in many ways:<ul style="list-style-type: none"><li>○ Shopping lists</li><li>○ Planning vacations</li><li>○ Researching</li><li>○ Calendaring activities</li></ul></li></ul>
Writes responses to literary and informational texts	
Uses strategies to plan, revise, and strengthen writing	
Applies conventions of standard English	





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## **Fourth Grade: Listening & Speaking**

<b>Standards</b>	<b>How can families support students?</b>
Actively listens	<ul style="list-style-type: none"><li>Families can engage students in conversations through device-free family time in which all participants may form, ask and answer questions to further the discussion. These experiences may include:<ul style="list-style-type: none"><li>○ Board games</li><li>○ Card games</li><li>○ Car games</li><li>○ Shared experiences- shopping, family meals, etc.</li></ul></li><li>Have conversations with your child about their day.</li></ul>
Participates appropriately in collaborative conversations in literacy discussions	
Asks and answers questions relevant to the conversation	
Expresses thoughts, feelings and ideas clearly with appropriate vocabulary	





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## **Fourth Grade: Math**

<b>Standards</b>	<b>How can families support students?</b>
<b>Numbers and Operations</b>	<ul style="list-style-type: none"><li>● Begin by modeling. Show that you have a growth mindset about math. Even if you struggled with math as a student, you can show your child that you are excited to learn about what they are doing.</li><li>● Make math fun and engaging for your child. For example, involve your child in family situations that use fractions and decimals, such as recipes, grocery prices, and bills.<ul style="list-style-type: none"><li>○ Ask your child to try to solve the problem in a different way. For example if they used an equation, they can try using a visual model to solve the same word problem.</li></ul></li><li>● <b>Practice basic math facts (addition, subtraction, multiplication through 12, and division through 12). This is the most important concept that incoming 4th graders must know. It will make all the new concepts easier to understand. Quiz your kids, make flashcards, or use minute drills.</b></li></ul>
Understands place value for multi-digit numbers	
Uses place value understanding to perform operations	
Understands fraction equivalence and ordering	
Builds fractions by applying understandings of operations	
Understands relationships and operations between fractions and decimals	
Demonstrates fluency in basic addition, subtraction, multiplication and division facts	





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**Fourth Grade: Math (Cont'd.)**

Standards	How can families support students?
<b>Operation and Algebraic Thinking</b>	<ul style="list-style-type: none"><li>● Ask questions to support your child with their homework:<ul style="list-style-type: none"><li>○ What do you already know about this problem?</li><li>○ Can you draw a picture of what is happening?</li><li>○ Does this remind you of a problem you have seen before?</li></ul></li><li>● Practice multi-step word problems by having your child explain IN WORDS step by step how they solved the problem. For example first....second...</li><li>● Review practice tests with your child.</li></ul>
Uses models or words to explain reasoning	
Uses operations with whole numbers to solve problems	
Understands relationships with factors and multiples	
Generates, recognizes and/or analyzes patterns	





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**Fourth Grade: Science**

<b>Standards</b>	<b>How can families support students?</b>
Designs and/or develops models that represent scientific concepts	<ul style="list-style-type: none"><li>● Encourage students to write or draw how they think something works. It is okay for them to be wrong; the process is more important than accuracy.</li><li>● Ask students questions that encourage them to recognize patterns, such as, "What do you notice about the weather this month?"</li><li>● Notice small details and ask, "What shapes do you see?" "What are those colors?" "How does it feel?" "How are they the same?" or "What are some patterns you observe?"</li><li>● Encourage students to closely examine devices and take things apart with adult supervision. Do not worry about reassembly.</li><li>● Let students ask questions, make predictions and test solutions to problems they may encounter.</li></ul>
Analyzes and interprets data that describe patterns and relationships	
Generates and compares multiple solutions to a variety of problems	





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## **Fourth Grade: Social Studies**

<b>Standards</b>	<b>How can families support students?</b>
Identifies and explains multiple perspectives based on historical events	<ul style="list-style-type: none"><li>● Take a car ride around Long Island and/or NY State. Look at the many different geographical features that our state has to offer and how they affect everyday life both past and present.</li><li>● Talk about events that happened and why they happened.</li><li>● Take your children to local government meetings to see how they are run (Board of Ed, Community meetings, etc.).</li><li>● Watch a movie, TV show, read an article or book, talk about everyday situations and identify the multiple point of views and why they feel that way.</li><li>● Visit museums and historical sites!</li></ul>
Analyzes cause and effect relationships in New York State's history, geography, economics, and government	
Recognize how New York State's geography affects the relationships between people and their environment	







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## **Fourth Grade: Social Emotional Learning (SEL)**

<b>Standards</b>	<b>How can families support students?</b>
<b>Social-Emotional Learning (SEL)</b>	<ul style="list-style-type: none"><li>● Help your child describe their own feelings. Let your child know their feelings matter. Identifying and discussing emotions can help children understand their own and others' feelings.</li><li>● Teach your child "calm down" or de-escalation strategies. Remain calm when your child is not.</li><li>● Give your child opportunities to play with other children their age. Help them explore their world and get to know the people in it. Model kind and generous behaviors when interacting with other adults and children.</li><li>● Use children's books to teach social skills (i.e. books with themes about making friends, taking turns, and cooperating).</li><li>● Show your feelings. Let your child see when you are happy or sad. This helps them to develop empathy for others.</li><li>● Give your child lots of praise and positive encouragement.</li><li>● Model caring relationships and recognize positive behavior.</li><li>● Create consistent, predictable routines and a developmentally appropriate schedule.</li><li>● Provide opportunities for your child to develop personal responsibility and independence.</li></ul>
Regulates emotions and behaviors	
Establishes and maintains positive relationships	
Follows school/class rules	
Exhibits a positive attitude toward learning	
Demonstrates pride in work	
<b>Learning Behaviors</b>	
Organizes self and materials	
Stays on task	



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## **Fourth Grade: Social Emotional Learning (SEL)**

<b>Standards</b>	<b>How can families support students?</b>
<b>Learning Behaviors (Con't)</b>	
Completes tasks independently	<ul style="list-style-type: none"><li>● Prepare children before transitions occur. For example, provide a “warning” before a transition.</li><li>● Encourage your child to set goals and create a plan.</li><li>● Engage your child in problem-solving about their challenging behaviors. Give your child a chance to practice and “do-over”.</li><li>● Help your child role play positive ways to solve problems, take turns, and cooperate.</li><li>● When talking about a problem or challenge, explore with your child the different ways there are to approach the problem/challenge.</li><li>● Model growth mindset. Share the mistakes you made and what you did to fix them.</li><li>● Check your child’s assignment book and homework folder.</li><li>● Send your child to school ready to learn - a nutritious breakfast, the right amount of sleep.</li></ul>
Completes tasks in a timely manner	
Follows directions	
Participates cooperatively and constructively in class discussions and group activities	
Uses suggestions constructively	
Demonstrates perseverance in solving problems	
Comes to school prepared	

