
*By the end of First Grade your child should be able to do the following in **SOCIAL STUDIES**:*

History:

- ▶ Identify the United States of America as his/her country.
- ▶ Demonstrate ways in which Americans honor their country.
- ▶ Identify holidays and the customs associated with them.
- ▶ Recognize differences in communities today and long ago.

Geography:

- ▶ Locate places and gather information from a simple map using a map key.
- ▶ Locate land, water, N.Y. State and the United States on a map or globe.

Economics:

- ▶ State how people trade money for goods and services.
- ▶ Discuss how families make economic choices by setting goals, evaluating information and identifying alternatives.
- ▶ Identify the differences between wants and needs.

Citizenship/Government:

- ▶ Define their roles as members of a family, school and community.
- ▶ Identify responsibilities in school and at home.
- ▶ Observe differences in families and communities such as beliefs, customs and traditions.
- ▶ Demonstrate an understanding that families have a past and change over time.
- ▶ Explain how people form governments in order to develop rules and laws to protect themselves.



*By the end of First Grade your child should be able to do the following in **SCIENCE**:*

Organisms:

- ▶ Identify the five senses and use them to explore the world around us.
- ▶ Identify the basic needs of organisms – food, water, air, shelter, space.
- ▶ Discuss differences in specific needs of organisms – type of food, amount of water, amount of light, type of shelter, amount of space.
- ▶ Develop an awareness of the wide diversity of living things on Earth.
- ▶ Observe, record, and illustrate how organisms grow, change, and die over time.
- ▶ Discover the growth process of plants – seed, root, stem, leaves.
- ▶ Compare similarities and differences between organisms (plants and animals).
- ▶ Form generalizations supporting how humans are similar to other organisms including basic needs and the life cycle.

Solids and Liquids

- ▶ Identify the properties of solids – color, shape, ability to roll or stack, hardness, magnetic attraction and whether they sink or float.
- ▶ Identify the properties of liquids – color, tendency to float, degree of viscosity or fluidity, whether they are miscible with water and whether they float or sink.
- ▶ Conduct tests to investigate properties of solids and liquids.
- ▶ Sort solids based on properties.
- ▶ Discuss similarities and differences among solids and liquids.
- ▶ Observe, record, and illustrate various properties of solids and liquids.
- ▶ Apply tests to investigate new solids and liquids.
- ▶ Use the properties of solids and liquids to expand knowledge of the world around us.



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Academic Expectations

What You Can Expect During Your Child's Year in *First Grade*

English Language Arts, Social Studies, Mathematics and Science

While all children learn in different ways, you expect your child to make progress in school every year.

This brochure defines what your child should be able to do in the areas of English language arts, mathematics, social studies and science by the end of this year.

At Scotia-Glenville, learning is often integrated between subject areas. English Language Arts reading and writing skills, for example, are also stressed in social studies, mathematics and science.



Please review this list of grade-level expectations and, if you have any questions, please feel free to contact your child's teacher or principal. We value the partnership that can exist between school and home.

Our district is committed to an education for your child that is consistent across our elementary schools and which will add depth and richness to your child's experiences.

*By the end of First Grade your child should be able to do the following in **ENGLISH LANGUAGE ARTS**:*

Reading:

- ▶ Identify all consonant sounds, long and short vowels, consonant blends (eg. st, cr, bl), digraphs (eg. sh, ch, ck, wh) and word families.
- ▶ Identify and read sight words, contractions, possessives, grammatical endings (eg. ing, ed) and compound words.
- ▶ Identify and produce rhyming words.
- ▶ Recognize story elements (main idea, setting, characters, similarities, differences, cause and effect and fact versus fiction.)
- ▶ Make predictions about stories.
- ▶ Use reading strategies to read accurately and fluently.
- ▶ Read and follow directions.

Writing:

- ▶ Write complete sentences using capitalization and ending punctuation.
- ▶ Use appropriate grammar (nouns, pronouns, verbs and adjectives).
- ▶ Use appropriate spelling techniques including memorization and sound spelling.
- ▶ Participate in the writing process by using graphic organizers, writing rough drafts, revising, editing and producing a final copy.
- ▶ Write for a variety of purposes (personal responses, descriptive paragraphs, story summary and content area reports).



Listening:

- ▶ Follow basic directions.
- ▶ Attend to instruction and listen respectfully.
- ▶ Respond appropriately to what is heard.
- ▶ Take turns and avoid interrupting others.

Speaking:

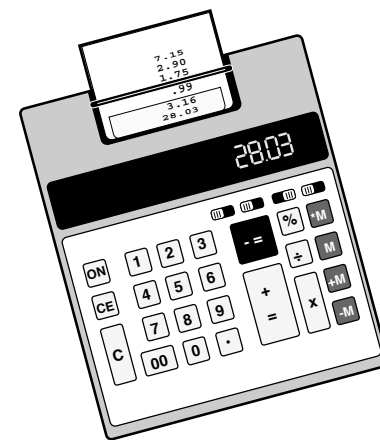
- ▶ Communicate with students and adults using correct sentence structure.
- ▶ Respond respectfully to others.
- ▶ Participate appropriately in group discussions (eg. show and tell, retelling a story, sharing writing).

A student with an Individual Education Plan and/or 504 Plan will be provided the necessary accommodations as outlined in his or her specific plan.

*By the end of First Grade your child should be able to do the following in **MATHEMATICS**:*

Number Sense and Operations:

- ▶ Count, compare, and order whole numbers up to 100.
- ▶ Write numbers to 100.
- ▶ Read number words one to ten.
- ▶ Count backwards from 20 by 1's.
- ▶ Skip counting by 2's, 5's and 10's.
- ▶ Use numbers in the ones and tens place.
- ▶ Name a number before or after a given number, and name a number or numbers between two given numbers up to 100.
- ▶ Use and understand ordinal terms first to twentieth.
- ▶ Solve addition and subtraction problems with one- and two-digit numbers without regrouping.
- ▶ Represent addition and subtraction word problems and their solutions as number sentences.
- ▶ Quickly recognize basic addition and subtraction facts with answers from 0-10.
- ▶ Identify fractions: $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$.
- ▶ Estimate and compare by counting the number of items in a collection to 50.



Algebra:

- ▶ Create and recognize patterns using numbers and objects.

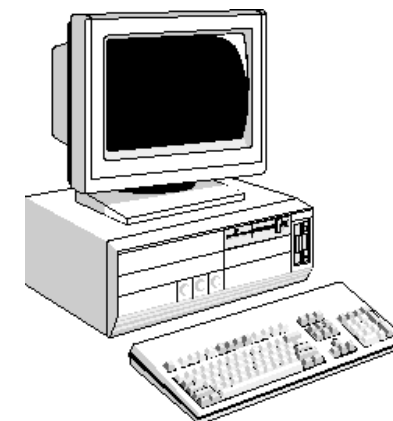
Geometry:

- ▶ Describe, create, sort and compare two and three-dimensional shapes.
- ▶ Identify symmetry in two-dimensional shapes.

Measurement:

- ▶ Compare length, weight and capacity in terms of longer/shorter than; heavier/lighter than; and more/less than.
- ▶ Measure and compare using non-standard units (eg. paperclips, blocks, etc.) and inches.

- ▶ Recognize and identify cent value of penny, nickel, dime and quarter and combine to make various amounts.
- ▶ Tell time to the hour and half-hour and recognize specific times (morning, noon, afternoon, evening)



- ▶ Read and apply calendar skills (days, weeks, months, seasons).

Statistics and Probability:

- ▶ Collect, display and interpret information in simple picture graphs and bar graphs.
- ▶ Express data in terms of most, least, greater than, less than or equal to.
- ▶ Discuss conclusions and make predictions using words such as likely and unlikely.

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