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

History:

- ▶ Demonstrate an understanding of the cultural differences within a community.
- ▶ Identify examples of learned cultural experiences, including habits, customs, and traditions.
- ▶ Understand that people of similar and different cultural groups often live together.
- ▶ Recognize that communities change over time.
- ▶ Research historical events through a variety of resources.
- ▶ Show the passage of time using a time line.

Geography:

- ▶ Identify the continents, oceans and equator, using a globe or map.
- ▶ Explain how communities around the world differ in physical features.
- ▶ Explain how climate and geography may affect lifestyles in world communities.

Economics:

- ▶ Explain how people's basic needs are met in different ways.
- ▶ Identify goods and services and their importance in a community.
- ▶ Recognize that people in world communities depend upon others to meet their needs and wants.
- ▶ Show that people around the world develop and make use of natural resources.

Citizenship/Government:

- ▶ Name school rules and what he/she can do to be a better citizen.
- ▶ Tell how people plan, organize, and make decisions for the good of their community.
- ▶ Recognize that governments are formed to develop laws and protect its citizens.
- ▶ Explain how people in world communities celebrate various holidays and festivals.

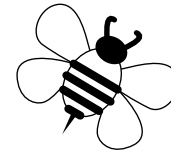
All learning is cumulative.

What is taught the previous year is strengthened by what is taught this year.

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

Plant Growth and Development:

- ▶ Identify the life cycle of a plant from seed to the production of a seed.
- ▶ State the needs of plants (light, water, nutrients, space, heat).
- ▶ Recognize that flowering plants must be pollinated by bees in order to produce seeds.
- ▶ Recognize the structure and relationship between the plant and the bee.
- ▶ Recognize that one seed produces one plant and one plant produces many seeds.



Rocks and Minerals:

- ▶ Know that rocks are made of minerals.
- ▶ Name some properties of rocks and minerals (eg. texture, light, magnetism).
- ▶ Identify the three ways rocks are formed.
- ▶ Recognize that a mineral is made up of one substance.
- ▶ Name everyday uses of rocks and minerals.

Sound:

- ▶ Demonstrate that sound is produced by vibration.
- ▶ Identify and change pitch and volume.
- ▶ Recognize the workings of the ear in relation to sound.
- ▶ Determine that sound is produced by vocal cords.
- ▶ Recognize the importance of ear safety in everyday life.

Simple Machines:

- ▶ Recognize that mechanical energy may cause change in motion through the application of force and through the use of simple machines such as pulleys, levers and inclined planes.

Solar System:

- ▶ Recognize that rotation or spinning of the earth on its axis causes day and night.
- ▶ Recognize that the earth revolves around the sun.
- ▶ Observe the position of the sun at different times of day to understand the rotation of the earth.
- ▶ Model the rotation/revolution of the earth around the sun.

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.

Academic Expectations

What You Can Expect During Your Child's Year in *Third 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.

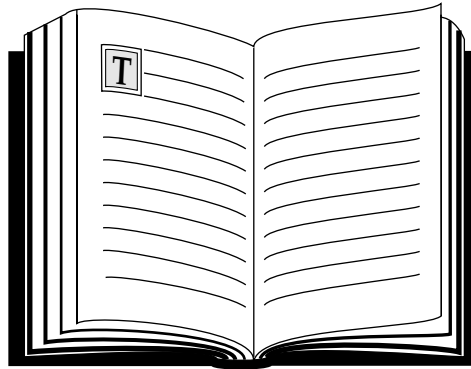
Please review this list of grade-level expectations and, if you have any questions, please feel free to contact your child's teacher or principal. We value the partnership that can exist between school and home.

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 Third Grade, your child should be able to do the following in **ENGLISH LANGUAGE ARTS**:*

Reading:

- ▶ Read and understand a variety of grade level materials including fiction, non-fiction and poetry.
- ▶ Read for a variety of purposes (enjoyment, information and research).
- ▶ Use reference materials (textbooks, magazines, the Internet and reference books).
- ▶ Recognize story elements.
- ▶ Demonstrate fluency and expression in oral reading.



Writing:

- ▶ Write complete sentences using capitalization, punctuation and appropriate grammar.
- ▶ Use learned spelling words correctly in written work.
- ▶ Participate in the writing process by using graphic organizers, writing rough drafts, revising, editing and producing a final copy.
- ▶ Write to demonstrate reading comprehension.
- ▶ Write a paragraph that includes a topic sentence, main idea, supporting details and a conclusion.
- ▶ Write for a variety of purposes (journals, friendly letters and research reports).

Listening:

- ▶ Listen to and follow multi-step directions.
- ▶ Listen for information and meaning.
- ▶ Respond appropriately to what is heard.
- ▶ Show respect when others are speaking.

Speaking:

- ▶ Express opinions and judgments clearly and appropriately.
- ▶ Ask relevant questions in response to discussion.
- ▶ Respond respectfully and contribute ideas to class discussions.
- ▶ Discuss a reading passage for critical analysis and evaluation.

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

Number Sense and Operations:

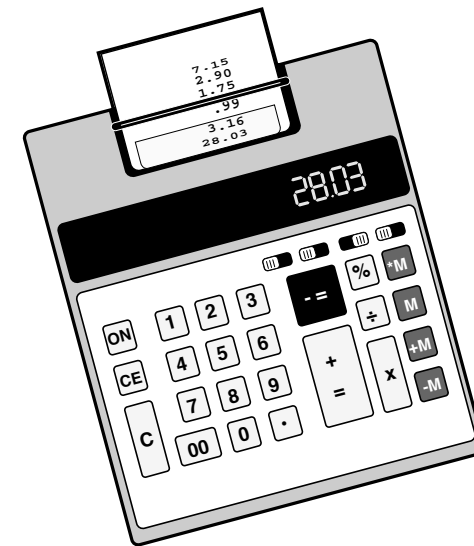
- ▶ Read, write, compare and order numbers to 1,000.
- ▶ Skip count by 25's, 50's, 100's to 1,000.
- ▶ Use numbers in the ones, tens, hundreds and thousands place.
- ▶ Use strategies to add and subtract three-digit numbers with and without regrouping.
- ▶ Use automatic recall for single-digit multiplication and division facts.
- ▶ Use and understand multiplication facts up to and including 12×12 .
- ▶ Demonstrate understanding of single-digit division facts.
- ▶ Name, represent, compare and order unit fractions (eg. $1/4$, $1/3$, $1/2$).
- ▶ Explore equivalent fractions (eg. $1/2 = 2/4$).
- ▶ Identify odd and even numbers.
- ▶ Explain word problem-solving strategies verbally and in writing.
- ▶ Recognize when to estimate (round) numbers.
- ▶ Check answers by using estimation.

Algebra:

- ▶ Use the symbols $>$, $<$ and $=$ to compare numbers and fractions.
- ▶ Describe and extend number and geometric patterns.

Geometry:

- ▶ Define and use correct terminology for shapes (circle, triangle, square, rectangle, rhombus, trapezoid and hexagon).



- ▶ Identify congruent and similar figures.
- ▶ Name, describe, compare and sort three-dimensional shapes.
- ▶ Identify the faces on a three-dimensional shape (cube) as two-dimensional shapes (square).
- ▶ Identify and construct lines of symmetry.

Measurement:

- ▶ Measure and compare length, weight and capacity using U.S. standard units.
- ▶ Count and represent combined coins and dollars, using currency symbols (\$0.00).
- ▶ Relate unit fractions to the face of a clock (whole = 60 min., $1/2 = 30$ min., $1/4 = 15$ min.).
- ▶ Tell time to the minute.
- ▶ Estimate measurements.

Statistics and Probability:

- ▶ Collect and record data.
- ▶ Read, interpret, construct, draw, make predictions and state relationships between pictographs and bar graphs.



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