

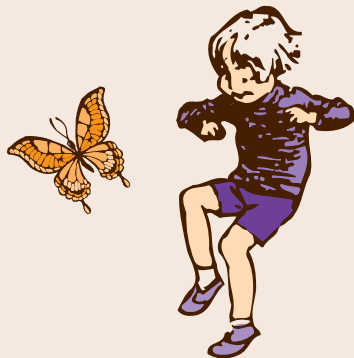
Mission Statement

We, the parents and staff of Council Rock Primary School, are committed to providing the challenging, nurturing environment needed for our young children to:

- Love school and learning
- Feel confident and competent
- Share, cooperate and respect rules
- Care about all people and the world around them
- Acquire substantial knowledge and skills in a variety of subjects
- Do their best every day by recognizing what they are learning and how they are learning, and be willing to question, explore and risk making mistakes

We believe:

- In celebrating the uniqueness of each child
- In meeting the needs of each child in a developmentally appropriate way.
- In high expectations and continuous improvement
- In providing learning experiences that emphasize cooperation and integration
- In parents and the school working together to provide an excellent education for young children in Brighton



Social Studies

Children study the world they live in through using content from the social sciences. The social studies curriculum emphasizes problem solving, connecting personal experiences to new learning, working cooperatively, and demonstrating new knowledge through hands-on activities and projects. Second graders focus on the study of communities, with learning activities organized around major themes.

Social Studies units in second grade include:

<i>Theme</i>	<i>Unit of Study</i>
Interdependence	Rural, Urban, Suburban (Brighton) Communities
Environment	Caring for our environment
Diversity	Inuit People of the Arctic
Citizenship	Rights, Responsibilities, Symbols, Government

Additional units of study focus on American historical people and holidays.

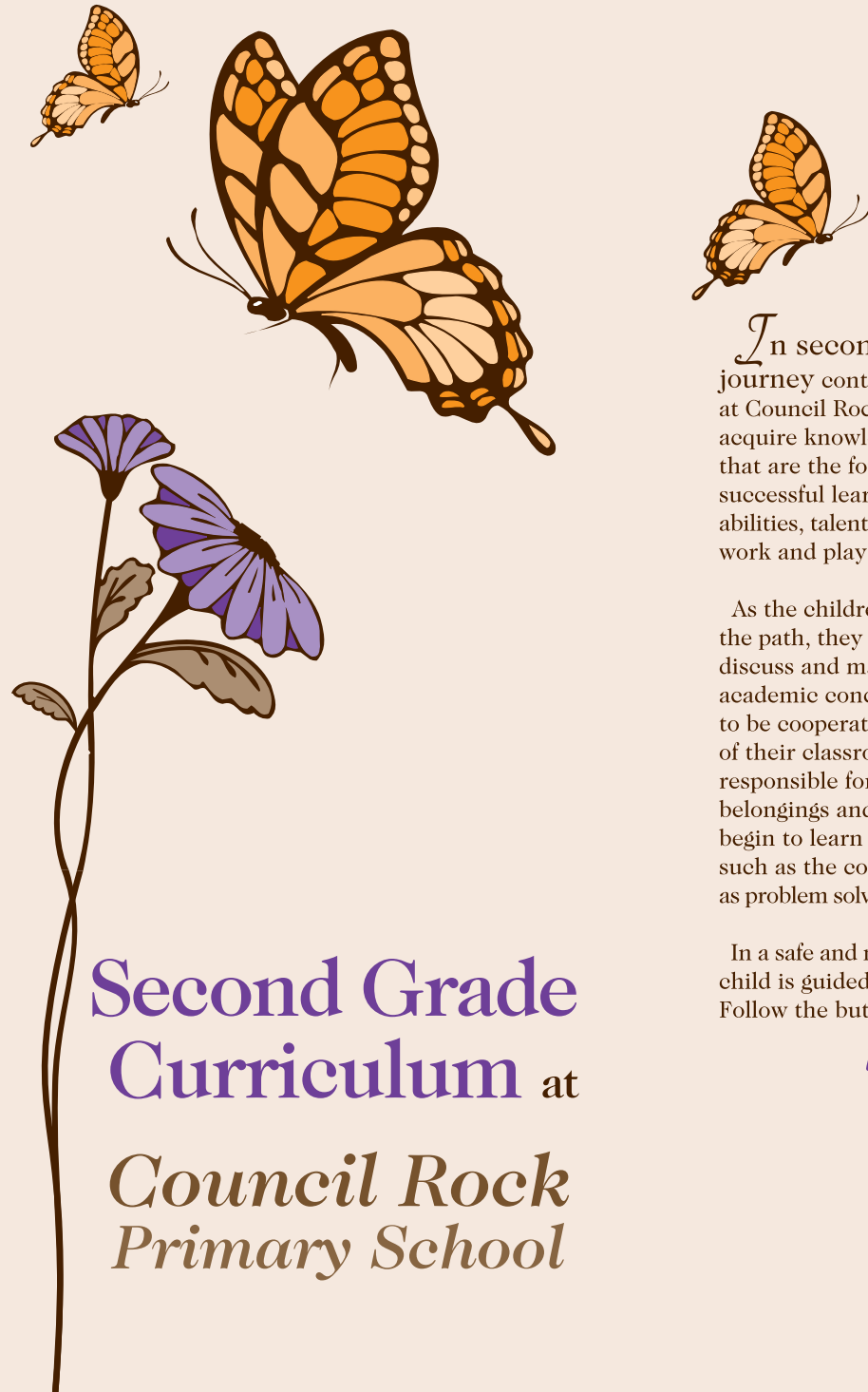
Special Area Subjects

The special area subjects are regular stops along the second grade path that enrich and expand each child's experience. Physical education and music classes meet twice a cycle, library-media, health and art meet once a cycle. Extended studies is an integral part of second grade. It focuses on higher level thinking and creative problem solving.

In art, children develop an appreciation for their own creative ability. Children explore a variety of media, techniques, cultures and the history and life experiences of artists. The library program emphasizes a love of reading and skills in listening and learning how to get information. A variety of literature reinforces content in the academic program. Through movement, singing, listening and playing instruments children explore musical elements and concepts. Basic physical skills and fitness are the core of the physical education program. Lessons actively involve children in teamwork, problem solving and personal goal setting. Health education focuses on learning safe and healthy attitudes and behaviors. Children are actively involved in teamwork, problem solving and personal goal setting.

Let the Journey Begin!

Rev. 2003



Second Grade Curriculum at Council Rock Primary School

Brighton Central School District

In second grade each child's journey continues on the learning path at Council Rock Primary School. Children acquire knowledge, skills and behaviors that are the foundation for being a successful learner. Children of different abilities, talents, interests and backgrounds work and play together.

As the children skip, run, and walk along the path, they explore, manipulate, create, discuss and master many basic social and academic concepts and skills. They learn to be cooperative and respectful members of their classroom, to share, to be responsible for their behavior and belongings and to complete tasks. They begin to learn how to learn, using tools such as the computer and strategies such as problem solving and making connections.

In a safe and nurturing environment, each child is guided along the learning path. Follow the butterfly, and...

let the journey begin!

Language Arts

The language arts include reading, writing, listening and speaking. It is the core of the primary school program. Daily lessons in language arts are interrelated with other subject areas such as science, social studies and math. There is a strong emphasis on children's literature. Instruction matches each child's developmental level.

Reading

In learning to read, second grade children:

- Select and apply appropriate reading strategies to decode unknown words; e.g. skipping a word and reading to the end of a sentence to think about what makes sense, using picture and story clues, background knowledge, known words and letter/sounds
- Self correct when meaning breaks down
- Recognize a large number of sight words
- Demonstrate comprehension skills: making inferences, drawing conclusions, understanding cause and effect, summarizing, locating specific information, determining author's purpose, distinguishing fact from opinion, forming images
- Retell stories by identifying characters, setting, problems, events, and resolution through verbal and written responses
- Use punctuation correctly when reading
- Read with increasing fluency and expression
- Read increasingly difficult text in a variety of genres
- Connect reading to personal experience and past learning
- Read for information
- Demonstrate skills in locating information in text; e.g. alphabetizing, use of technology, table of contents, chapters, glossary

Writing

In learning to write, second grade children:

- Listen to quality literature and discuss the traits of good writing
- Use graphic organizers to plan writing
- Develop main idea with supporting details
- Sequence events
- Write with a beginning, middle, and end
- Write in complete sentences
- Use richer language
- Use revision to clarify meaning
- Use upper and lower case letters accurately
- Use a variety of punctuation marks
- Use different resources to spell correctly

Spelling

Children learn spelling rules and generalizations that help them spell (and read) unknown words. Spelling lists are developed around phonics elements, spelling patterns and high frequency words. Some words need to be memorized. Children are provided with daily opportunities for independent practice.

Handwriting

The handwriting program uses the D'Nealian form of manuscript.

In learning handwriting, second grade children:

- Demonstrate mastery of upper and lower case manuscript alphabet and numbers
- Use correct placement of letters within lines
- Produce legible written work consistently

Listening and Speaking

Learning to listen requires children to attend and to understand what is said. Children demonstrate listening skills when they can follow directions and can retell what they have heard. Learning to speak means knowing when to speak, using appropriate language, volume and tone, and being able to speak to a purpose. In second grade, children learn to express ideas and feelings in complete sentences using appropriate language and to listen when others are talking.

Mathematics

In second grade, children are continuing the development of mathematical concepts such as problem solving, number sense & number relationships, geometry, and data collection & analysis. In mathematics, children have numerous experiences to support the development of a variety of strategies for solving mathematical problems and promoting flexible thinking. They are achieving greater accuracy using the computational skills they began to develop in first grade. Students learn to use a variety of materials to support the development of mathematical thinking. These include counting cubes, a 100 chart and other manipulatives, pencil and paper, and calculators among others. Children have a variety of experiences that support their developing ability to communicate their thinking in math using pictures, numbers, and words.

In learning mathematics, second grade children:

- Use numerical relationships ($>$, $<$, $=$, \neq)
- Read and write 3-digit numbers
- Describe and apply problem solving strategies (using pictures, numbers and words)
- Use whole numbers (count by 1's, 5's, 10's, 2's, 4's, and others)
- Put numbers together and take them apart (addition & subtraction)
- Collect, sort, represent, and interpret data

- Develop vocabulary for describing 2-D and 3-D shapes
- Visualize and represent 2-D and 3-D shapes
- Explore fractional parts $1/2$, $1/4$, $1/3$
- Estimate and measure with standard and non-standard units
- Use a calendar to measure time; tell time on an analog to the hour, half hour, and 5 minute interval
- Count mixed sets of coins to \$1.00 using penny, nickel, dime, and quarter and exchange coins for equal amounts (e.g. 2 nickels = 1 dime)

Details of the Second Grade math curriculum are specified on the school district's K-12 Mathematics Curriculum Map.

Science

Second grade science activities engage children in the exploration of their physical and living world. Children observe and record observations, ask questions, make predictions and describe what they learn.

Science units in second grade include:

Buoyancy
Interactions (chemical and physical)
Butterflies/Moths
Eggs to Toads
Measurement

Continued on the back...