

## MATHEMATICS CONT.



- Collect and organize data
- Identify place value through hundreds
- Compare numbers less than 100
- Demonstrate fluency in addition facts to 18
- Demonstrate fluency in subtraction facts to 18
- Solve 2 and 3 digit subtraction problems with regrouping
- Tell time to the quarter hour
- Identify and count money; connect coins and bills with place value

## SCIENCE

Second grade students will use hands-on experiences to understand science in the physical and natural world around them. They will acquire new scientific knowledge through observing, predicting, questioning, and explaining.

Topics of study include:

- States of matter
- Features & processes of the Earth and its resources
- Dinosaurs
- Habitats
- Plants

## SOCIAL STUDIES

Second grade students will develop an awareness of themselves and people around them. The focus will be on communities, working together, laws and rules, local government, celebrations, map skills, geography, and economics.

## PHYSICAL EDUCATION

In second grade, our students learn and explore factors that affect a healthy lifestyle. Students will maintain personal fitness, acquire an awareness of personal health needs, demonstrate and build gross and fine motor skills, and participate in cooperative group games.

## ART

Second grade students are introduced to the elements and principles of art. They have the opportunity to express themselves through various art forms. Second graders are encouraged to express themselves using elements and principles of art. Diocesan assessment for symmetry given in second grade.

## TECHNOLOGY

In addition to integrating technology and the use of technology tools in the general classroom, students in 2nd grade attend technology class to develop and build proficiency with technology skills.

All 2nd grade students will:

- Continue to work on general computer skills
- Begin to obtain general keyboarding skills
- Use a variety of tools in Microsoft Word
- Use basic tools in Microsoft Excel
- Use basic tools in Microsoft PowerPoint
- Use the internet safely
- Continue to obtain skills necessary to become good digital citizens
- Use a variety of digital tools

## LIBRARY

Second grade students will use the school library and locate books of interest to be checked out each week. They will also recognize different sections of the library and know how to use a library.



St. Paul the Apostle Catholic School

CURRICULUM: **GRADE TWO**





St. Paul the Apostle Catholic School's curriculum is fully aligned to the Diocesan Learning Standards and the National Standards and Benchmarks for Effective Catholic Elementary and Secondary Schools. Furthermore, our curriculum is vertically aligned from grades preK through 8.

Our curricula is strengthened even more by using a continuous improvement framework based on Response to Intervention/Multiple Tiered System of Supports, scientifically based instructional strategies, formative and summative assessment, and positive behavior management.

## RELIGION

Second graders will learn through stories, prayer, scripture, activities, discussions, reflection, and weekly Mass about their Catholic faith. Catholic teachings are discussed and integrated in all subject areas throughout the day. The focus is on:

- Church teachings
- Prayer
- The Holy Trinity
- Celebrating Liturgy
- The Sacraments of Reconciliation and Eucharist
- Lives of the Saints

## ENGLISH LANGUAGE ARTS

The English Language Arts program in Second Grade is all encompassing. Students will work on and study the five components of reading: phonics, phonemic awareness, comprehension, fluency, and vocabulary. Students will also learn and refine speaking, listening, and communication skills.

### READING

Students develop skills in reading different genres including Fiction and Non-fiction texts. Through differentiated instruction, students will work on building vocabulary, comprehension, reading accuracy and fluency. Reading strategies taught include summarization, monitor and clarification, prediction and inference, questioning, and evaluation. Students work on these concepts through reading a weekly selection read-aloud, silently, and with a partner. They discuss guided reading question, complete center activities, identify connections that are text-to-text, text-to-self, and text-to world and practice using reading comprehension strategies.

*While reading, students will:*

- Link spoken and written language
- Compare & contrast different versions of the same story
- Rhyme
- Make predictions
- Develop vocabulary
- Use various text features to locate information
- Describe characters in a story and their point of view
- Comprehend main idea
- Sequence events of the story

### WRITING

Second grade students use writing to convey thoughts and meaning. Our students will write legibly in print and cursive, write multiple sequential sentences on a given topic, apply spelling, and phonetic patterns in their writing, and apply

grammar and mechanics. Students will be able to apply these skills to writing expository, narrative, persuasive, and descriptive paragraphs.

Using 6+1 Traits (ideas, organization, word choice, conventions, voice, sentence fluency, and presentation) students will communicate through a variety of written forms. Through their writing, second grade students will also identify parts of speech, use correct capitalization and punctuation correctly, apply knowledge of spelling patterns, form letters correctly, write legibly, and spell high frequency words correctly.

### SPEAKING AND LISTENING

Second grade students will listen for understanding, follow directions and respond appropriately to the speaker. Students will use acquired language and vocabulary to express opinions. Students will participate in class discussions, present material orally, and make presentations to individuals and small groups.

### MATHEMATICS

Students acquire knowledge of mathematics and the ability to apply math skills to solve math problems. The goal at the end of second grade is for students to become confident problem solvers who value and enjoy math. Some of the key features include providing problem-solving experiences in real life contexts while allowing for various learning styles, promoting practice through meaningful activities and games, and providing a spiral curriculum ensuring that children encounter and apply concepts over time.

*Our second grade students will:*

- Use patterns to solve problems
- Identify 3-dimensional shapes
- Use instruments to measure accurately