

## MATHEMATICS CONT.



- Identify and describe characteristics of shapes
- Sort and classify objects
- Identify position and location of a given object
- Use a clock to determine time to the hour
- Identify monetary values
- Identify patterns

## SCIENCE

Kindergartners will use concrete, hands-on experiences to understand science in the physical and natural world around them. They will attain scientific knowledge through observing, predicting, questioning, and describing.

*The students will study:*

- Weather and Seasons
- Healthy Body and Our Five Senses
- Animals and Insects
- Plant Growth
- Motion
- Farms (visit a pumpkin farm)
- Protecting our Earth

## SOCIAL STUDIES

Kindergarten students will develop an awareness of communities and people around them.

*The focus will be on:*

- Families
- Neighborhoods/Communities
- Safety
- Why we work
- Holidays/Celebrations
- Getting along together

## PHYSICAL EDUCATION

In kindergarten, 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

Kindergarten students are introduced to color theory and texture in art. They have the opportunity to express themselves through various art forms.

## TECHNOLOGY

In addition to integrating technology and the use of technology tools in the general classroom, students in kindergarten attend technology class to begin to develop technology skills.

*All kindergarten students will:*

- Begin to obtain general computer skills
- Construct sentences in Microsoft Word
- Learn to use the internet safely
- Use a drawing program and graphic organizer on the computer
- Learn to navigate applications correctly
- Obtain skills necessary to become good digital citizens

## LIBRARY

Kindergarten students will use the school library and locate books of interest to be checked out each week.



St. Paul the Apostle Catholic School

## CURRICULUM: KINDERGARTEN





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.

St. Paul the Apostle Catholic School provides a full day kindergarten program. A foundation of successful schooling is formed during the kindergarten years through the development of positive attitudes and learning habits. Kindergartners are active participants in our weekly liturgies and learn through essential standards.

## RELIGION

Kindergartners learn about their Catholic faith through prayer circles, Scripture stories, musical and art activities, discussion and reflection, and weekly liturgies. Catholic teachings are discussed and integrated in all subject areas. The following topics are the focus of the kindergarten religion curriculum:

- God's Rules
- Creation
- Life of Jesus
- Celebrating Liturgy
- Advent/Lent
- Prayer
- Mary

## ENGLISH LANGUAGE ARTS

The Language Arts program is all encompassing and includes reading, phonics, writing, speaking, listening, and the study of literature. The components of the program emphasize the development of those skills that allow students to read with fluency; comprehend and interpret written materials; apply correct spelling, grammar, and phonemic awareness; communicate well; and listen and speak effectively. The skills acquired and understood are applied and reinforced in all content areas.

### READING

Students experience different genres including informational text, poetry, and fantasies. These standards are directed toward fostering students' understanding and working knowledge of reading, from the alphabetic principle to comprehension. Through differentiated instruction, reading fluency will develop and improve as students are presented with the following skills throughout the year:

- Letter recognition/letter sounds
- Sight word recognition
- Using word identification strategies
- Rhyme
- Linking spoken and written languages
- Retelling main ideas and details within a text
- Using illustrations as context clues
- Identify characters and setting
- Identify basic features of a book
- Compare and contrast two different texts
- Identify nouns and verbs in a sentence
- Developing vocabulary (listening and sight)
- Guided and independent reading

### WRITING

Students will use 6+1 Writing Traits (ideas, organization, word choice, conventions, voice, sentence fluency, and presentation) to convey thoughts. Writing legibly, using words and pictures, writing simple sentences, applying spelling knowledge and phonetic patterns will allow students to express their thoughts. In addition, basic grammar and mechanics will be used (basic capitalization, proper spacing, basic punctuation, and forming letters correctly).

### SPEAKING AND LISTENING

Students will listen for understanding, follow single and multi-step directions, and respond appropriately to the speaker. Students will use acquired language and vocabulary to express opinions. Students will participate in show and tell, class discussions, recall and retell stories, and use their own illustrations to explain personal overall comprehension.

### MATHEMATICS

Kindergarten students acquire knowledge of mathematics and the ability to apply math skills through manipulatives, counting strategies, patterns, calendar, and problem solving.

*Our kindergartners will:*

- Write, recognize, and order number to 100 (counting both up and down)
- Count by 10's, 5's, 2's, and 1's to 100 (skip count)
- Use grouping and regrouping
- Compare numbers
- Use ordinal numbers for position
- Add and subtract numbers up to 10
- Fluently add and subtract within 5
- Solve simple word problems
- Chart, compare, and graph data
- Measure and compare length and weight