



Intermediate Summer Work (incoming 3rd, 4th, and 5th graders)

We know that our summers will likely look different this year than in years past. We want to make sure that all the wonderful skills you've learned this year will remain sharp! We hope this information will help you understand our expectations for incoming students at each grade level, as well as provide you with some ways to review and enhance your knowledge.

Incoming third graders should ...

Math:

- have complete memorization of addition and subtraction facts.
- be able to add and subtract three digit numbers with regrouping.
- have a basic understanding of place value through the thousands place.
- be able to apply problem-solving strategies to solve word problems.
- understand and use symbols (+, -, <, >, =) correctly

Language Arts:

- read silently and independently for a sustained period of time (at least 15 minutes).
- read grade level material aloud with fluency and expression.
- understand basic spelling rules.
- use phonics to decode or spell unknown words.
- speak and write using correct grammar (nouns, verbs, verb tense, etc.).
- write an organized paragraph about a single topic in one sitting of about 20 minutes.
- use correct pencil grip and writing posture.
- correctly and legibly form all upper and lower case letters in both print and cursive

Science:

- be able to ask questions, then use research, observations or measurements to solve problems.
- be able to use a ruler to measure objects to the nearest 1/2 inch.
- understand how to observe using all senses, and record findings.
- have a basic understanding of life science, earth science, and physical science.
- be able to work cooperatively in a group, follow instructions, and treat supplies with respect.

Social Studies:

- understand where they live.
- know the differences between a city, state, country, and continent.

Religion

- know basic prayers such as the Our Father and Hail Mary.
- understand how to use a Rosary.
- understand the process of Reconciliation.
- be able to genuflect and correctly make the sign of the cross.
- receive Holy Communion correctly.
- exhibit good behavior at Mass by listening, responding, singing, and praying.

Incoming fourth graders should ...

Math:

- have complete fluency with multiplication and division facts (0-12).
- be able to add and subtract four digit numbers with regrouping.
- have a basic understanding of place value through the millions place.
- be able to apply problem-solving strategies to solve word problems.
- understand and use symbols (+, -, x, ÷, <, >, =) correctly.
- have a basic understanding of fractions.

Language Arts:

- read silently and independently for a sustained period of time (at least 20 minutes).
- read grade level material aloud with fluency and expression.
- understand basic spelling rules.
- use phonics to decode or spell unknown words.
- speak and write using correct grammar (nouns, verbs, verb tense, etc.).
- write complete sentences with proper punctuation and capitalization.
- write an organized three paragraph essay or story in one sitting of about 30 minutes.
- use correct pencil grip and writing posture.
- correctly and legibly form all upper and lower case letters in both print and cursive.

Science:

- have a basic understanding of the scientific method.
- be able to ask questions, then use research, observations or measurements to solve problems.
- be able to use a ruler to measure objects to the nearest 1/2 inch.
- understand how to observe using all senses, and record findings.
- have a basic understanding of life science, earth science, and physical science.
- be able to work cooperatively in a group, follow instructions, and treat supplies with respect.

Social Studies:

- know the regions of the United States.
- be able to name and identify different types of landforms.
- be able to name all of the continents and oceans.
- understand cardinal directions (north, south, east, and west).
- know how to interpret basic maps, graphs, charts and tables.

Religion

- know basic prayers, prayers of the Rosary, and Act of Contrition.
- understand how to pray the Rosary.
- understand the process of Reconciliation.
- be able to genuflect and correctly make the sign of the cross.
- receive Holy Communion correctly.
- exhibit good behavior at Mass by listening, responding, singing, and praying.

Incoming fifth graders should ...

Math:

- have complete fluency with multiplication and division facts (0-12) and be able to answer a 100 question test in 5 minutes; more importantly, they need to be able to use the facts in math problems quickly.
- be able to identify place value of given digits to the millions place.
- be able to accurately complete long division or 2-digit by 2-digit multiplication problems without counting up or counting on fingers.
- know how to compare fractions and find equivalent fraction.
- know how to add and subtract fractions.

Language Arts:

- be able to identify parts of speech (noun, verb, adjective, adverb, preposition, and conjunction).
- be able to write sentences correctly with proper nouns capitalized.
- use correct punctuation at all times.
- be able to write an organized essay about a single topic. When writing for a sustained period of 40 minutes, students fill the front and back of a sheet of looseleaf paper using legible cursive writing. The writing should include adjectives, adverbs, sentence variety and be organized in a way that makes sense to the reader.
- read silently and independently for a sustained period of time (at least 30 minutes).

Science:

- have a basic understanding of the scientific method.
- be able to ask questions, then use research, observations or measurements to solve problems.
- be able to use a ruler to measure objects to the nearest 1/4 inch or the nearest centimeter.
- understand how to observe using all senses, and record findings.
- have a basic understanding of life science, earth science, and physical science, including states of matter, the solar system, energy, and geology.
- be able to work cooperatively in a group, follow instructions, and treat supplies with respect.

Social Studies:

- know the regions of the United States.
- be able to name and identify different types of landforms.
- name all of the continents and oceans.
- understand cardinal and ordinal directions.
- be able to interpret basic maps, graphs, charts and tables.
- understand the impact of human migration and exploration on today's populations.
- have knowledge of the native groups, exploration, settlement, and establishment of Florida as a state.

Religion

- know the prayers of the Rosary.
- understand that the Ten Commandments are the laws of God's covenant given to Moses that teach us to live a life of love.
- understand that the Beatitudes are the teachings of Jesus that describe the way to live as his disciples.
- name and explain the difference between the two parts of the Bible: the Old and New Testament
- know the seven Sacraments and when they are received.
- exhibit good behavior at Mass by listening, responding, singing, and praying.

We have some ideas to help continue your learning throughout the summer; this is not a checklist, just some suggestions to continue your journey as life-long learners. Share your work with your family or friends.

Religion

1. Lead family prayer.
2. Make a rosary and use it.
3. Research the patron saint of a topic or subject that interests you.

Math

1. Make and use flashcards to practice basic facts
2. If you have an XtraMath, Prodigy or Happy Numbers accounts, continue to use them.
3. Help a younger sibling, cousin, or friend practice their facts or teach them a new math skill.
4. Watch Number Rock or Khan Academy videos.
5. Complete any IXL skills remaining from the grade you just finished. (Please do not begin the IXL skills for the grade you are entering).
6. Use real life math skills: use a recipe to cook something, look at a grocery ad and plan your family's meals for the week, make a model of your bedroom, using the area, perimeter and actual furniture size.



LA

1. Read! (Be sure to read at your grade level or most recent STAR level).
2. Look for summer reading contests like those from Spirit FM or the Rays.
3. Keep a journal for your family about your summer.
4. Write a story or a play. Perform your play or use an app to create it.



Social Studies

1. Read about historical figures (please check with an adult when researching on-line). The Who Was/Who Is and I Survived books are great for intermediate grade students.
2. Interview your parents, grandparents, or other family members about your family history or what their lives were like when they were your age.
3. Create a family tree.
4. Research the country or countries where your family originated.

Science

1. Cook with your family.
2. Look on Pinterest or science websites like <https://www.stevespanglerscience.com/lab/experiments/> for STREAM activities to do as a family. Please be sure to have adult supervision for experiments!
3. Research the plants or animals that live in places you'd like to visit.
4. Research a question you have – Why are there clouds? How are shells formed? How do different animals adapt?



More ideas

1. Use Duolingo to practice Spanish.
2. Create art – draw, paint, sculpt, etc.
3. Listen to music or play an instrument.
4. Make a musical instrument out of things you have around the house.
5. Try a new sport or activity.



Happy Summer!