

# Future Middle Schoolers

*Mrs. Filbrandt, Mrs. Keigher, Ms. Koolakian, Mr. Morganelli*

## WELCOME to Middle School!

Hello Families! We welcome our 5<sup>th</sup> graders to Middle School. We know that the other students will help guide you as you transition into 6<sup>th</sup> grade. We also welcome back our 7<sup>th</sup> and 8<sup>th</sup> graders and any new incoming students. This summer we hope you enjoy some relaxation and time with family. We are looking forward to meeting you all in August.



## Summer Math & Reading Requirements:

- Complete the 10 math practice pages
- Practice your math facts
- Choose 1 book from the suggested list and complete the book projects for that book
- Read at least one other book from the Saint list, a class assignment will follow
- Choose a science fair project, see attached handout

## *Mission Statement*

*Epiphany Cathedral School provides excellence in education which nurtures a loving relationship with God and builds a caring community that serves others.*

## CONTACT :



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# 2021 – 2022 SUPPLY LIST

## MIDDLE SCHOOL GRADES 6 – 8

### All Classes

- Pencil Pouch
- Pencils
- Blue/Black Pens
- Pack of Colored Pencils
- Pack of Colored Pens
- Highlighters
- **Loose Leaf Paper**

### Homeroom Supplies

- 2 Boxes of Tissues - 7<sup>th</sup> grade ONLY
- 1 Roll Paper Towels-6<sup>th</sup> grade ONLY

### Math Supplies

- 1 - Folders *with 3 prongs in center*
- 6<sup>th</sup> graders: 2” RED 3-Ringed Binder
- 7th/8th grade: Texas Instruments  
30XIIS Scientific Calculator or  
similar

### Science Supplies

- 2” BLUE 3-Ringed Binder
- Binder Dividers (5 tabs or more)
- Composition Notebook (Science Fair)
- Loose Leaf Paper in binder

### Religion

- 1” BLACK 3-Ringed Binder

### Spanish

- Folder
- Notebook
- Loose Leaf Paper
- 3x5 Index Cards

### Social Studies/Religion

- To Be Determined

### Language Arts

- To Be Determined

### Art Supplies

- To Be Determined

## Summer Reading Book Projects

Students entering 6<sup>th</sup> - 8<sup>th</sup> grades

**DUE: FIRST WEEK OF SCHOOL**

This will be your first English Language Arts Grade

### Required (choose one):

- Book Talk- For the whole class, give a detailed summary of the book without giving away the ending, must include: title, author, characters, setting, events, climax, resolution, and your opinion. (Recommended - use notecards or a visual to help keep your book talk focused)
- Book Interview- With just your teacher, give a detailed summary of the book, same as above

### Required (choose one):

- Write a sequel or prequel to the book – at least one well-written chapter.
- Dress up as a character from the book – be prepared to discuss who you are, what you (the character) did in the story, why the character's actions were important to the story, and give your opinion of the character.
- Design a game about the book – design and create a board game containing elements from the story – setting, characters, problem, possible resolutions
- Make sculpture of the main character
- Create a song about the book – record yourself singing/playing song or be prepared show a video or to perform live
- Illustrate a scene from the book – illustrate an important part of the story – your picture MUST be worth 1,000 words!
- Act out a scene from the book – live or recorded
- Make a diorama – 3D scene from the book illustrating an important part of story
- Make your own book trailer of the story
- Make your own movie - make a movie trailer of the story

## Selected Reading List for Catholic K-12 Schools, Grades 5 – 8

### **Must Read 1 of the following Saint books, be prepared for class assignment to follow:**

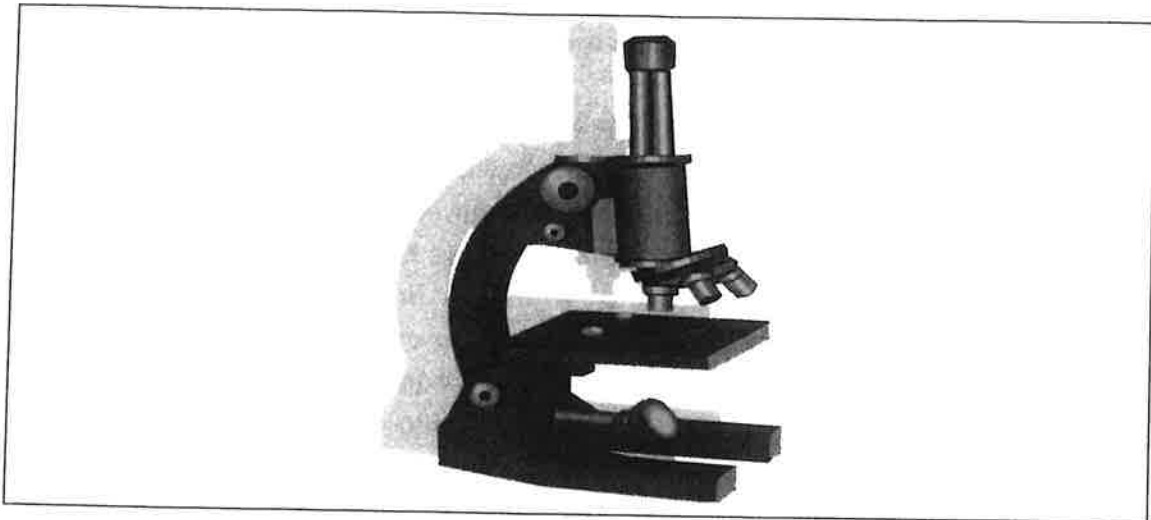
Ablaze: Stories of Daring Teen Saints (Swaim)	Saint Monica (Forbes)
Holy Twins: Benedict and Scholastica (Norris)	Saint Rose of Lima (Windeatt)
Patron Saint of First Communicants (Windeatt)	Saint Thomas Aquinas (Windeatt)
Radiate: More Stories of Daring Teen Saints (Swaim)	St. Benedict, Hero of the Hills (Windeatt)
Saint Catherine of Siena (Forbes)	St. Joan, The Girl Soldier (De Wohl)
Saint Dominic (Windeatt)	St. Patrick (Tompert)
Saint Hyacinth of Poland (Windeatt)	St. Thomas Aquinas for Children (Maritain)
Saint John Masias (Windeatt)	Thomas Aquinas & the Preaching Beggars (Larnen & Lomask)
Saint Martin de Porres (Windeatt)	

### **Must Read 1 of the following suggested books and complete your book project on this book:**

7 Riddles to Nowhere (Cattapan)	Leif the Lucky (D'Aulaire)
A Horse and the Boy (Lewis)	Lilies of the Field (Barrett)
A Christmas Carol (Dickens)	Little House in the Big Woods (Wilder)
A Story of Joan of Arc (Earnest)	Little Women; Little Men (Alcott)
A Wrinkle in Time (L'Engle)	Log of a Cowboy (Adams)
Adam of the Road (Gray)	Lost in St. Peter's Tomb (Ahern)
Amos Fortune, Free Man (Yates)	Madeline Takes Command (Brill & Adams)
Anne of Green Gables (Montgomery)	Midshipman Easy; Masterman Ready (Marryat)
Around the World in Eighty Days (Verne)	Misty of Chincoteague (Henry)
Beowulf: A New Telling (Nye)	My Antonia (Cather)
Black Beauty (Sewell)	My Side of the Mountain (George)
Black Ships Before Troy: The Story of the Iliad (Lee)	Narrative of the Life of Frederick Douglass (Douglass)
Blessed Marie of New France (Windeatt)	Old Yeller (Gipson) Our Town (Wilder)
Break in the Basilica (Ahern)	Outlaws of Ravenhurst (Wallace)
Caddie Woodlawn (Brink)	Penrod and others (Tarkington)
Captain Courageous (Kipling)	Pied Piper of Hamelin (Browning)
Cyrano de Bergerac (Rostand)	Pygmalion (Shaw)
Death Comes for the Archbishop (Cather)	Redwall series (Jacques)
Dr. Jekyll and Mr. Hyde (Stevenson)	Rip Van Winkle (Irving)
Fingal's Quest (Pollard)	Robin Hood (Pyle)
Freckles (Porter)	Robinson Crusoe (Defoe)
Hans Brinker (Dodge)	Roll of Thunder Hear My Cry (Taylor)
Heidi (Spyri)	Sarah Plain and Tall (Wilder)
Hero of the Hills (Windeatt)	Secrets of Siena (Ahern)
Homer Price (McCloskey)	Son of Charlemagne (Willard)
I Am David (Holm)	Story of a Bad Boy (Aldrich)
I, Juan de Pareja (de Trevino)	Swallows and Amazons (Ransome)
If All the Swords in England (Willard)	Swiss Family Robinson (Wyss)
Johnny Tremain (Forbes)	Tales of King Arthur (Talbot)
Journey to the Center of the Earth (Verne)	Tanglewood Tales (Hawthorne)
Kidnapped (Stevenson)	Tarzan Series (Burroughs)
King Arthur and His Knights of the Round Table (Green)	The Adventures of Robin Hood (Green)
Kon-Tiki (Heyerdahl)	The Adventures of Sherlock Holmes (Doyle)
Lay Siege to Heaven (de Wohl)	The Adventures of Tom Sawyer (Twain)
Legend of Sleepy Hollow (Irving)	The Black Arrow (Stephenson)
	The Black Cauldron (Alexander)

The Blood Red Crescent (Garnett)  
The Boxcar Children (Warner)  
The Bronze Bow (Spreare)  
The Call of the Wild (London)  
The Children of Fatima (Windeatt)  
The Children's Homer (Colum)  
The Chronicles of Narnia (Lewis)  
The Crucible (Miller)  
The Fellowship of the Ring (Tolkein)  
The Hiding Place (ten Bloom)  
The Hobbit (Tolkien)  
The Hound of the Baskervilles (Doyle)  
The Innocence of Father Brown [or others] (Chesterton)  
The Island of the Blue Dolphins (O'Dell)  
The Jungle Book (Kipling)  
The Lord of the Rings (Tolkien)  
The Last Battle (Lewis)  
The Legend of Sleepy Hollow (Irving)  
The Lion, The Witch, and The Wardrobe (Lewis)  
The Little Flower (Windeatt)  
The Living Wood (De Wohl)  
The Miracle Worker (Gibson)  
The Miraculous Medal (Windeatt)  
The Phantom Tollbooth (Juster)  
The Pearl (Steinbeck)  
The Ransom of Red Chief and other short stories (O. Henry)  
The Railway Children (Nesbit)  
The Red Badge of Courage (Crane)

The Red Keep (French)  
The Restless Flame (de Wohl)  
The Secret Garden (Burnett)  
The Song at the Scaffold (Von le Fort)  
The Spear: A Novel of the Crucifixion (De Wohl)  
The Story of Our Lady of Guadalupe (Walsh)  
The Story of Rolf and the Viking Bow (French)  
The Swiss Family Robinson (Wyss)  
The Tale of Despereaux (DeCamillo)  
The Trumpeter of Krakow (Kelly)  
The Twenty-One Balloons (Du Bois)  
The Voyage of the Dawn Treader (Lewis)  
The Wanderings of Odysseus: The Story of the Odyssey (Lee)  
The Weight of the Mass (Nobisso)  
The White Stag (Seredy)  
The Wind in the Willows (Grahame)  
The Winged Watchman (van Stockum)  
The Witch of Blackbird Pond (Spreare)  
The Yearling (Rawlings)  
Tommy Playfair (Finn)  
Treasure Island (Stevenson)  
Trumpeter of Krakow (Kelly)  
Twenty Thousand Leagues Under the Sea (Verne)  
Two Years Before the Mast (Dana)  
Uncle Tom's Cabin (Stowe)  
Westward Ho (Kingsley)  
Where the Red Fern Grows (Rawls)  
White Fang (London)  
Will Wilder Series (Arroyo)



## SCIENCE FAIR 2021

Dear Parents and Students:                      STUDENT \_\_\_\_\_

It's amazing that the school year has come to an end so quickly. Already plans are being made for next year. Our school will be holding its annual Science Fair on Wednesday, November 10, 2021 to Thursday, November 11, 2021 in the Parish Hall. I am very excited about this Science Fair. It will be open to students in grade 4 (class project) and grade 5 (group projects) as well as the usual grades 6, 7, and 8 (individual projects). How exciting it was to view hundreds of projects over the last couple of years. It was great to see the tough competition our children faced and the progress they made. They all did well. Each year we put Epiphany Cathedral School on the map!

Enclosed in this packet of information, you will find a category sheet for the categories available to you. During the summer, I encourage all students to begin the process of selecting a science fair topic. Look over the list and decide which area you may want to explore. In any event you would want to agree on a time line to prevent a last minute project. Some science fair projects may take 6 to 10 months. It is strongly suggested that you allow at least 12 weeks conducting an experiment and preparing the presentation. In this way you would be able to collect results and base your conclusion on the data collected.

Students will be required to keep a working log journal of day by day events on this project.

How can parents help? Do not do the project for them but rather encourage your child to select a topic for their research project before they return to school in the fall. Help them select one which provides a challenge for them and be one which provides data to analyze. Provide internet access, either at home or a library. Provide transportation to obtain supplies or direct them to a library to collect references. Once the project is underway, check to see that each week/day, entries are being made into the log journal. Help your child design a project that is safe and properly supervised. Do not worry or get upset if your child does not win a prize at the science fair. The skills your child has gained are worth all the effort. And lastly parents, feel a sense of pride and accomplishment when the fair is over. Remember that a good head start will guarantee an excellent project.

As you know, to have a successful Science Fair, the help of many individuals is required. You can ensure a rewarding experience for our participants by volunteering time in one or more of the following activities.

- Be a mentor. Help students design and assist with their science project exhibit boards.
- Assist students in checking in and setting up projects on fair day.
- Judge projects (the more we have the better it is)
- Make a monetary donation
- Clean up and help store projects at the conclusion of the fair.
- Provide refreshments for judges (hospitality table)

Please consider how you might be able to contribute to our school fair and contact Mr. Stephen Morganelli at Epiphany in early September. Your help is essential to the success of our fair. I look forward to a great fair. Your help will make it possible. Thank you!

Sincerely,  
Stephen Morganelli Science Fair Coordinator

## RESEARCH PLAN

DUE AUGUST 20, 2021

Students will chose a topic from 4 different areas. They are "Life Science", "Earth Science", "Physical Science" and "Engineering". Once students have decided on a topic ( no project involving mold/bacteria of any kind or experimentation with animals is allowed), they are to complete a "Research Plan". Follow the list below to organize your plan. This is a one page typed report which must be handed in first (for approval) and should include the following:

- A) Question being addressed (your objective)
- B) Hypothesis
- C) Description in details as to the methods or procedures used to complete the experiment.
- D) Describe the procedures you will use to analyze the data that answer the research question or hypothesis review.
- E) List a few sources that you have used to help you with your project.
- F) Include the category you selected: Life, Earth, Physical, or Engineering.

### IMPORTANT DUE DATES

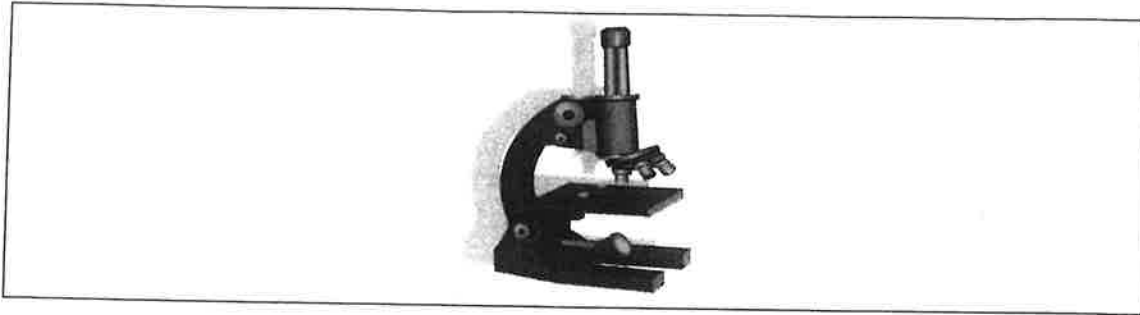
Summer, 2021                      Select Science Fair project  
August 20, 2021                  Submit you "Research Plan"  
September 3, 2021              Volunteer Sheets and Contracts are due  
November 10-11, 2021        Science Fair in Parish Hall  
   Judging occurs on the 10th and  
parents may visit on the 11th.



Project Category

- Life*  **Behavioral and Social Sciences** – Human and animal behavior, social and community relationships  
 Psychology      Sociology      Anthropology      Archaeology      Learning Perception  
 Linguistics      Urban Problems      Reading Problems      Ethnology      Educational Testing  
 Ethnology      Public opinion surveys, etc.
- Life*  **Biochemistry** – Chemistry of life processes  
 Cell Biology      Molecular Biology      Genetics      Metabolism      Enzymes      Photosynthesis  
 Blood      Chemistry      Protein Chemistry      Food Chemistry      Hormones, Etc.
- Life*  **Botany** – Study of plant life  
 Agriculture      Agronomy      Horticulture      Forestry      Plant Taxonomy      Plant genetics  
 Plant Physiology      Hydroponics      Algae, etc.
- Phys.*  **Chemistry** – The study of the nature and composition of matter and the laws governing it  
 Physical Chemistry      Materials      Plastics      Fuels      Analytical Chemistry  
 Pesticides      Metallurgy      Soil Chemistry      Inorganic Chemistry  
 Organic Chemistry (Other Than Biochemistry), Etc.
- Phys.*  **Computer Science** – Study & development of computer hardware, software, networking, communications, graphics, etc.
- Earth*  **Earth Science** – Study of the earth and the universe  
 Geology      Mineralogy      Physiography      Oceanography      Meteorology      Climatology  
 Speleology      Seismology      Geography, Etc.
- Engin.*  **Engineering** – the application of scientific principles to manufacturing and practical uses  
 Civil      Mechanical      Aeronautical      Chemical      Electrical      Photographic  
 Sound      Automotive      Marine      Transportation      Environmental      Bio-medical  
 Heating and Refrigeration, Etc.
- Life*  **Environmental Sciences** – Study of pollution sources and their control  
 Air Pollution      Water Pollution      Land Pollution      Ecology, Etc
- Phys.*  **Mathematics** – Development & application of formal logical systems or various numerical and algebraic computations  
 Calculus      Geometry      Abstract Algebra      Number Theory      Complex analysis  
 Probability, Etc.
- Life*  **Medicine and Health Sciences** – Study of diseases and health of humans and animals  
 Dentistry      Pharmacology      Pathology      Ophthalmology      Nutrition      Sanitation  
 Pediatrics      Dermatology      Allergies      Speech & hearing, Etc.
- Life*  **Microbiology** – Biology of microorganisms  
 Bacteriology      Virology      Protozoology      Fungi      Bacterial Genetics  
 Yeast, Etc.
- Phys.*  **Physics** – Theories, principles, and laws governing energy and its effect on matter  
 Solid State      Optics      Acoustics      Particle Physics      Fluid/Gas Dynamics  
 Plasma      Superconductivity      Atomic Theory      Thermodynamics      Quantum Mechanics  
 Nuclear Physics      Magnetism      Semiconductors      Biophysics, Etc.
- Earth*  **Space Science**  
 Astronomy      Planetary Science, Etc.
- Life*  **Zoology** – Study of animals  
 Animal Genetics      Ornithology      Ichthyology      Herpetology      Animal ecology      Entomology  
 Cytology      Paleontology      Histology      Cellular physiology      Animal Husbandry      Invertebrate  
 Neurophysiology      Circadian Rhythms      Invertebrate studies, Etc.

*Life - Life Science      Phys. → Physical Science*



### VOLUNTEERING TIME:

Please look over the list below and check off the areas where you may provide assistance if you are able to. Please return this form to Mr. Morganelli by September 3, 2021

\_\_\_\_\_ Judge projects! Guidelines are given to each judge to follow. Please plan on 2 hours for judging on the morning of November 10, 2021 from 9am - 11am..

\_\_\_\_\_ Provide refreshments! It's always nice to take care of our judges and volunteers. A hospitality area is set up for refreshments.

\_\_\_\_\_ Nov. 10 8:30am - 10am Bagels, muffins, coffee

\_\_\_\_\_ Nov. 10 10am - 12pm Fruit, juice, water,

\_\_\_\_\_ Nov. 10 12pm - 1pm Finger Sandwiches

\_\_\_\_\_ Nov. 11 Coffee, Muffins...8:30am

Please consider how you might be able to contribute to our school fair that may not be on this list. Monetary donations are greatly appreciated as well. Many hands will insure the success of this event. Thank you for your help!

Name \_\_\_\_\_ Cell # \_\_\_\_\_

Email address \_\_\_\_\_

## SCIENCE FAIR PROJECT CONTRACT

Student's Name \_\_\_\_\_

Science Class \_\_\_\_\_

Teacher \_\_\_\_\_

Date of Science Fair November 10 - 11, 2021

### STUDENT STATEMENT

I \_\_\_\_\_ will complete the required project following the guidelines set-up to the best of my ability. I will continue to keep a Log Journal and will follow all required due dates. I am aware of the fact that the Science Fair Project will represent 20% of my grade.

### PARENT/GUARDIAN STATEMENT

I \_\_\_\_\_ am aware of the course requirement (to complete a science fair project) and will encourage my son/daughter to complete the project to the best of their ability. I will remind them of due dates for log journals and will read over the entries made. I will include my signature below the last entry. I am aware of the fact that the science fair will represent 20% of my son's/daughter's grade.

PLEASE RETURN TO MR. MORGANELLI

BY

FRIDAY, AUGUST 20, 2021