

ST. JUDE CATHOLIC SCHOOL

Eighth Grade Curriculum Overview



Religion

The 8th grade religion curriculum is centered on preparation for the Sacrament of Confirmation, and the study of Church History. We will seek to grow in our relationship with Christ through study of the truth. Primary texts are: Scripture, the YouCat, and the textbook.

- Our Relationship with God—He has created us for Himself and desires a relationship with us
- Church History
 - The Church as the Living Body of Christ
 - Study of the encounter with Christ at each period of time throughout history, both the unity and diversity of this encounter with the same Jesus including periods such as:
 - Early Church
 - Church Fathers
 - Middle Ages
 - Enlightenment
 - Second Vatican Council
 - Focus on the saints of each time period
 - Making of timeline
- Confirmation
 - Sacrament of Initiation, relation to Baptism and Holy Eucharist
 - Study of related Scripture
 - Deeper reception of the Holy Spirit, strengthening to live vocation as soldier of Christ
 - Gifts of the Holy Spirit—what they are and their relationship to the virtues
 - Fruits of the Holy Spirit
- Prayer—daily practice of prayer, that we may draw closer to Christ
 - *Lectio Divina*—prayerful reading of Sacred Scripture
 - Adoration
- Theology of the Body—more specifics will be sent out about a month before this is covered 3rd trimester

Science

In 8th grade, the science curriculum is focused on physical science, studying areas of physics and chemistry, as well as work on research, writing, and the scientific method in preparation for the science fair. Below this is outlined in more detail.

- Science Fair Project
 - Research
 - Use of scientific method
- Motion and forces
 - Study relationships between position, speed, velocity, acceleration
 - Newton's Three Laws of Motion
 - Forces, Work and Simple Machines
- Energy and Matter
 - Types of Energy
 - Foundations of Chemistry
 - States of Matter
 - Elements and the Periodic Table
- Interactions of Matter
 - Chemical Reactions and Equations
 - Mixtures, Solubility, and Acid/Base Solutions
- Electricity

Social Studies

Division and Reunion

- Slavery Divides the Nation
- The Civil War
- Reconstruction and the Changing South

Transforming the nation

- The New West
- Industrial Growth
- The New Urban Culture

A New Role for the Nation

- The Progressive Era
- Becoming a World Power
- World War I

Prosperity, Depression, and War

- The Roaring Twenties
- The Great Depression
- The World War II Era

During the month of February, Black History Month is observed.

Grade eight devotes one class period per week to examining current events.

Language Arts

Grade 8 **Reading** Diocesan standards:

Key ideas and details:

1. Cite textual evidence which strongly supports analysis of what text says.
2. Determine moral theme or central idea and analyze its development.
3. Analyze lines of dialogue which propel the plot and reveal characterization.

Craft and structure:

1. Determine meaning of words and phrases in literary and Biblical texts, analyzing analogies or allusions to other texts.
2. Compare and contrast structure of two or more texts and analyze how structure contributes to meaning.
3. Analyze points of view of characters to create effect such as suspense or humor.

Integration of knowledge and ideas:

1. Analyze how a filmed or live production differs from the text.
2. Analyze how modern works of fiction draw on themes, events and characters from traditional forms.

Range of reading and level of text complexity:

1. By year end, read, comprehend, and defend with an appropriate Catholic response at the correct level of complexity for the individual student.

8th grade Information Text Diocesan standards:

Key ideas and details:

1. Cite textual evidence which strongly supports explicit textual information, including inferences drawn.

2. Determine central idea and analyze the development with supporting details.
3. Analyze connections made in a text between individuals, ideas or events.

Craft and Structure:

1. Determine meaning of words in phrases from text.
2. Analyze the structure of a specific paragraph and sentences in key concepts.
3. Determine author's point of view or purpose and analyze response to conflicting evidence.

Integration of knowledge and ideas:

1. Evaluate advantages and disadvantages of using a variety of media.
2. Recognize relevant and irrelevant evidence in a text.
3. Analyze conflicting information on the same topic and determine disagreements in interpretation.

Range of reading and level of text complexity:

1. By year end, read, comprehend and use informational text for appropriate Catholic response to literary nonfiction and show appreciation for informational text at the appropriate level of student.

Grade 8 **Writing**:

1. Write arguments to support claims while maintain Catholic identity.
2. Write informative/explanatory texts to examine a topic and convey ideas and concepts.
3. Write narratives to develop experiences and events using narrative techniques.
4. Produce clear writing with development and organization.
5. Conduct research projects to answer questions.
6. Gather relevant information from multiple sources, quote, paraphrase and document sources.
7. Write routinely over extended time frames for a range of tasks and audiences.

Grade 8 Language Standards:

1. Demonstrate command of conventions of standard English grammar.
2. Demonstrate command of conventions of standard English capitalization, punctuation and spelling when writing.
3. Use knowledge of language including active and passive voice.
4. Determine meaning of unknown words using a variety of strategies.
5. Demonstrate understanding of figurative language including denotation and connotation.
6. Acquire grade appropriate academic words.

Grade 8 Speaking and listening:

1. Engage in a range of discussions where individual roles are defined and goals met.
2. Analyze purpose of information and evaluate motives.
3. Analyze a speaker's arguments for evidence and reason.
4. Present findings using relevant details, eye contact, volume and pronunciation.
5. Use a variety of multimedia visual displays to add information and interest.
6. Adapt speech to a variety of contexts using formal English when appropriate.
7. Use opportunities to practice skills within a liturgical context.

Math Curriculum

Diocesan Anchor Standards:	Focus on Each Standard:
<ul style="list-style-type: none">• The Number System • Expressions & Equations • Functions • Geometry	<ul style="list-style-type: none">• Irrational numbers• Repeating decimals• Irrational numbers on a number line • Properties of integer exponents; equivalent expressions• Square root and cube root• Scientific notation• Graph proportional relationships• Slope of a line• Solving linear equations• Analyze linear equations • Functions are rules: one input, one output• Properties of functions• Defining a linear function• Model linear relationships between two quantities• Qualitative functional relationship • Properties of rotations, reflections, and translations• Congruence and similarity of figures• Dilations and reductions of two-dimensional figures• Angles of triangles

- Statistics & Probability

- Pythagorean Theorem
- Volume of a cone, cylinders, and spheres
- Scatter plots
- Patterns of association