

## SAINT JAMES SCHOOL ACADEMIC CURRICULAR PROGRAM 2017 - 2018

<b>Kindergarten</b>	<p><b>Religion: Sadlier</b> <i>We Believe</i> Students develop a positive sense of own worth and learn about Jesus and creation. Students are introduced to liturgical seasons and religious ceremonies of the Catholic Church.</p> <p>Character Education Program</p>	<p><b>Integrated Language Arts Pearson/Reading Street</b> <u>Phonemic awareness</u> Vocabulary Comprehension Exposure to different genres Recognition of sight words Whole group/small group instruction Cross curriculum lessons strengthening understanding in science &amp; social studies</p> <p>Learning centers are used to differentiate learning.</p>	<p><b>Mathematics: Sadlier--Common Core</b></p> <p>Our math program is aligned with the Common Core Standards. Students are provided experiences to acquire deep understanding of mathematical concepts and to express their standings in multiple ways. Concepts include: number sense, add., sub., geometry, relationships, algebraic thinking, classifying, time and money</p>	<p><b>Science:</b> Subject matter is integrated in the Language Arts Curriculum. Students learn through observations and hands on activities.</p>	<p><b>Social Studies:</b> Subject matter is integrated in the Language Arts Curriculum &amp; Religion Curriculum. Students recognize the uniqueness of their role &amp; their relationship to various groups, rules of behavior, symbols representative of the U.S. &amp; patriotic holidays.</p>	<p><b>Art:</b> 1 time weekly in Art Room</p> <p><b>Music:</b> 1 time weekly in classroom</p> <p><b>Phys. Ed.:</b> 1 time weekly in Gym</p> <p><b>Spanish:</b> 1 time weekly in classroom</p> <p><b>Library:</b> 1 time weekly in Library</p> <p><b>Computer Lab:</b> 1 time weekly in Computer Lab</p>
<b>GRADE ONE</b>	<p><b>Religion: Sadlier</b> <i>We Believe</i> Students study the uniqueness of human beings, prayer, the sacraments, Church history and the saints.</p> <p>Character Education Program</p>	<p><b>Integrated Language Arts Pearson/Reading Street</b> Strong emphasis on phonics: <u>long and short vowels</u> vowel rules blends Phonics are used to develop: decoding skills fluency comprehension of text. reading strategies Spelling list include groups of words with phonetic elements Students are introduced to the writing process and write for different purposes. Manuscript handwriting is practiced.</p> <p>Learning centers are used to differentiate learning.</p>	<p><b>Mathematics: Sadlier--Common Core</b></p> <p>Our math program is aligned with the Common Core Standards. Students engage in experiences with mathematical concepts that reinforce understandings. Mathematical concepts are modeled and connections are made to prior learning which help students achieve proficiency. Concepts include: add., sub., geometry, time and money, algebraic thinking and collaborative solving to reinforce critical thinking skills.</p>	<p><b>Science:</b> As a result of scientific activities, students develop a sense of science inquiry. Changing seasons, characteristics of animals &amp; their environments, plant life &amp; weather are topics to be learned &amp; talked about.</p> <p>Students are encouraged to present written reports orally.</p>	<p><b>Social Studies:</b> Subject matter is integrated in the Language Arts Curriculum and Religion Curriculum. Focus on the family unit, origins, rules, cultural similarities &amp; differences, roles &amp; responsibilities, celebrations, needs &amp; wants of the family, differentiation between land &amp; water on the globe, local landmarks, global family homes.</p>	<p><b>Art:</b> 1 time weekly in Art Room</p> <p><b>Music:</b> 1 time weekly in classroom</p> <p><b>Phys. Ed.:</b> 1 time weekly in Gym</p> <p><b>Spanish:</b> 1 time weekly in classroom</p> <p><b>Computer Lab:</b> 1 time weekly in Computer Lab</p> <p><b>Library:</b> 1 time weekly in Library</p>

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<b>GRADE TWO</b>	<p><b>Religion: Sadlier</b> <i>We Believe</i> Students learn about the uniqueness of human beings, prayer, the sacraments, Church history and the saints.</p> <p>Children are prepared to receive the sacraments of Penance and First Communion.</p> <p>Character Education Program</p>	<p><b>Integrated Language Arts: Pearson/Reading Street</b> Continues to build strong foundational reading skills in whole groups &amp; small groups. phonemic awareness fluency with text vocabulary comprehension decoding strategies such as predicting, summarizing, inferencing and main idea. Spelling list reinforce phonemic awareness Learning centers are used to differentiate learning. Students are engaged in composition &amp; creative writing.</p> <p>Cursive writing introduced.</p>	<p><b>Mathematics</b> <u>Sadlier-</u> <i>Progress in Mathematics Common Core Series</i> Our new math program is aligned with the Common Core and focuses on having students acquire a deep understanding of mathematical concepts and the ability to apply that understanding. Concepts focus on: Add. and Sub. of one, two and three digit numbers, meaning of multiplication &amp; division, estimation and geometric concepts.</p>	<p><b>Science:</b> Students learn about the five senses, weather, motion &amp; forces, energy &amp; their interaction with matter, and, classification and adaptation of animals.</p>	<p><b>Social Studies:</b> Subject matter is integrated in the Language Arts Curriculum. Study of "my" community, kinds of communities, rules &amp; laws, voting, traits of good citizens, land-forms, map features, globe features, identification of different kinds of communities.</p>	<p><b>Art:</b> 1 time weekly in Art Room</p> <p><b>Music:</b> 1 time weekly in classroom</p> <p><b>Phys. Ed.:</b> 1 time weekly in Gym</p> <p><b>Spanish:</b> 1 time weekly in classroom</p> <p><b>Computer Lab:</b> 1 time weekly in Computer Lab</p> <p><b>Library:</b> 1 time weekly in Library</p>
<b>GRADE THREE</b>	<p><b>Religion: Sadlier</b> <i>We Believe</i> Students learn about the uniqueness of human beings, prayer, and the sacraments.</p> <p>Character Education Program</p>	<p><b>Integrated Language Arts: Pearson/Reading Street</b> Units focus on Big Idea that connects with learning. Continue to build strong foundational reading skills in whole group and small group. Skills include: phonemic awareness, fluency with text, comprehension vocabulary, reading strategies, grammar study, and creative writing activities. Spelling list reinforce phonemic awareness. Students are engaged in creative writing</p> <p>Cursive writing is refined.</p>	<p><b>Mathematics:</b> Sadlier- <i>Progress in Mathematics Common Core Series</i> Students are expected to acquire math facts, but are encouraged to apply their understandings to practical situations, present problems coherently and justify their conclusions. The focus is on: division and multiplication of whole numbers, fractions, graphs, algebraic expressions geometry, money, and time.</p>	<p><b>Science:</b> Macmillan-McGraw Hill Science Students expand their knowledge of animal behaviors, classifications, adaptations, freshwater ecosystems, weather stations, forces, motion, simple machines, properties of air.</p>	<p><b>Social Studies:</b> Macmillan-McGraw <i>Adventure in Time &amp; Place</i> Study of communities- past, present, future, characteristics of democracy, law-making process, system of checks &amp; balances, effects of historical events on everyday lives, map scale, map key, grid maps, community maps, longitude and latitude.</p>	<p><b>Art:</b> 1 time weekly in Art Room</p> <p><b>Music:</b> 1 time weekly in classroom</p> <p><b>Phys. Ed.:</b> 1 time weekly in Gym</p> <p><b>Spanish:</b> 1 time weekly in classroom</p> <p><b>Computer Lab:</b> 1 time weekly in Computer Lab</p> <p><b>Library:</b> 1 time weekly in Library</p>

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<b>GRADE FOUR</b>	<p><b>Religion: Sadlier</b> <i>We Believe</i> Students learn about the uniqueness of human beings, prayer, the sacraments, Church history and the saints.</p> <p><b>Famil life:</b> Benziger</p> <p>Character Education Program</p>	<p><b>Integrated language Arts: Pearson/Reading Street</b> Lessons designed to teach students how to analyze text. Daily Instruction places emphasis on: reading with a higher level of fluency &amp; expression, vocabulary &amp; spelling, utilizing root words, prefixes/suffixes, context clues, apply comprehension to literary and expository text.</p> <p>Writing skills are expanded to include compare and contrast explanations, directions and letter formats.</p>	<p><b>Mathematics: Sadlier- Progress in Mathematics Common</b> Procedural and rote learning is stressed along with an emphasis on acquiring a deep understanding of concepts. Students will express their understandings in a variety of ways, strategically using appropriate tools and expressing their understanding of concepts coherently.</p> <p>Emphasis on multiplication, division of whole numbers, fractions, decimals, time, money, geometry and algebraic expressions.</p>	<p><b>Science: Macmillan-McGraw Science</b> Study of plant life, forest ecosystems, rocks and minerals, conservation, ocean waters, pollution &amp; electricity.</p>	<p><b>Social Studies: Macmillan-McGraw Adventure in Time and Place</b> Afton Publishers <i>You, New Jersey, and the World</i></p> <p>Study of the New Jersey past &amp; present as well as the geography of U.S. regions.</p>	<p><b>Art:</b> 1 time weekly in Art Room</p> <p><b>Music:</b> 1 time weekly in classroom</p> <p><b>Phys. Ed.:</b> 1 time weekly in Gym</p> <p><b>Spanish:</b> 1 time weekly in classroom</p> <p><b>Computer Lab:</b> 1 time weekly in Computer Lab</p> <p><b>Library:</b> 1 time weekly in Library</p>
<b>GRADE FIVE</b>	<p><b>Religion: Sadlier</b> <i>We Believe</i> Students learn about the uniqueness of human beings, prayer, the sacraments, Church history and the saints.</p> <p><b>Famil Life:</b> Benziger</p> <p>Character Education Program</p>	<p><b>Integrated language Arts: Pearson/Reading Street</b> Students are engaged in reading challenging fiction and non-fiction. An emphasis is placed on parts of speech including: verb types, tenses, noun forms.</p> <p>Students continue to expand comprehension, fluency, critical thinking, spelling &amp; vocabulary. Emphasis is placed on writing skills. Students will be able to proofread &amp; revise creative writing &amp; essays.</p> <p><u>Extra-Curr. Programs</u> WordMasters Challenge Vocabulary Challenge</p>	<p><b>Mathematics: Sadlier- Progress in Mathematics Common Core Series</b> Reinforcement and emphasis on required skills to develop a better understanding of math concepts and their application. Concepts include: prime and composite numbers, reciprocals, percents, multiplication &amp; division of fractions, addition &amp; subtraction of mixed numbers, multiplication &amp; division of decimals, ratios &amp; proportion, variables, order of operations.</p>	<p><b>Science: Macmillan-McGraw Science</b> Focus on interactions of living things with the environment, cells, atmospheric conditions and how they affect weather, solar system, classification of motion &amp; direction of force, properties &amp; classification of matter. "Down to Earth" Study Guide to Global Warming Scholastic.</p>	<p><b>Social Studies: Macmillan McGraw TimeLinks</b> Along with the text, curriculum is based on a variety of resources to help students understand how the geography (climate, location &amp; resources), economy &amp; culture of our country's regions help build, &amp; continue to impact our nation. Students also learn how rich our country is in historical stories &amp; about our country's government &amp; citizenship.</p>	<p><b>Art:</b> 1 time weekly in Art Room</p> <p><b>Music:</b> 1 time weekly in classroom</p> <p><b>Phys. Ed.:</b> 1 time weekly in Gym</p> <p><b>Spanish:</b> 1 time weekly in classroom</p> <p><b>Computer Lab:</b> 1 time weekly in Computer Lab</p> <p><b>D.A.R.E. - Substance Abuse Education</b> 1 time weekly for 16 weeks</p>

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<b>GRADE SIX</b>	<p><b>Religion: Sadlier</b> <i>We Believe</i> Family Life series: <i>In God's Own Making</i> The Old Testament is studied. Students actively participate in monthly Mass. <b>Family life: Benziger</b> Character Education Program  Christian service hours required</p>	<p><b>Integrated Language Arts:</b> <b>Holt, Rinehart &amp; Winston, Anthology of Literary Works</b> used as well as novels. Reading strategies and comprehension skills continue to explore mood, tone, flashback/foreshadowing, literary forms, program, author intent and characterization. <b>Advanced ILA:</b> Accelerated literary program using classic novels &amp; higher level writing skills for the gifted student.  Vocabulary Program Word Masters Challenge</p>	<p><b>Mathematics: Sadlier- Progress in Mathematics Series</b> Emphasis placed on acquiring deep understandings in order to make sense of problems and persevere in solving them. Students are also expected to present viable conclusions, using definitions, calculations, and estimation with the appropriate level of proficiency. Concepts emphasize algebraic expressions with readiness skills for our Algebra I program. <b>Math Lab:</b> Extra math period where students work with iPads and various hands-on group activities.</p>	<p><b>Science: Houghton Mifflin--Fusion</b> Science Series Concentration of Physical Science Four Units of Study: Motion, forces, and energy Dynamic Earth Evolution: change over time Ecology  Curriculum incorporates experiments, projects, learning centers and software.</p>	<p><b>Social Studies: Houghton Mifflin</b> <i>Africa, South &amp; East Asia, Europe &amp; Russia</i> Concentration of study is on ancient civilizations. Curriculum includes projects incorporating elements of various religions, governments, geography, social structure, economy and other aspects of ancient civilizations.</p>	<p><b>Art:</b> 1 time weekly in Art Room  <b>Spanish:</b> 1 time weekly in classroom  <b>Phys. Ed.:</b> 2 times weekly in Gym  <b>Computer Lab:</b> 1 time weekly in Computer Lab</p>
<b>GRADE SEVEN</b>	<p><b>Religion: Sadlier</b> <i>Sadlier: New Testament</i>  The New Testament is explored. Sacrament of Confirmation is studied. Students actively participate in monthly Mass. <b>Family Life:</b> Benziger  Character Education Program Christian service hours required</p>	<p><b>Integrated Language Arts:</b> <b>Arts:</b> Holt, Rinehart &amp; Winston: <i>Elements of Literature</i>, and novels are used. Students explore &amp; analyze different literary genres &amp; elements. Emphasis on different styles of writing and vocabulary development. Research paper is required and the use of primary and secondary sources is applied. <b>Advanced ILA:</b> Accelerated literary program using classic novels and higher level writing skills for the gifted student. WordMasters Challenge Program</p>	<p><b>Mathematics: Glencoe Pre Algebra</b> Pre-Algebra program is offered to all students and prepares students for Algebra I. Students will be exposed to a variety of concepts with emphasis on depth of concepts leading to abstract and quantitative reasoning, and the knowledge to look for and express mathematical generalities. <b>Math Lab:</b> Extra math periods in which students will work on learned concepts using differentiated activities and iPads.</p>	<p><b>Science: Houghton Mifflin--Fusion</b> Science Series: Concentration of Earth Science Four Units of Study: Exploring the Universe Exploring Planet Earth Matter: Building Block of the Universe Ecology: Earth's Natural Resources  Curriculum includes space study, learning about scientific instruments, experiments, projects, and software.</p>	<p><b>Social Studies: Houghton Mifflin</b> <i>U.S. History</i>  Study of American History from Colonial times to the Civil War.  Instruction also includes current as it relates to concepts being studied.  Curriculum includes Research Paper and Projects.</p>	<p><b>Art:</b> 1 time weekly in Art Room  <b>Phys. Ed.:</b> 1 time weekly in Gym  <b>Spanish:</b> 2 times weekly in classroom  <b>Computer Lab:</b> 1 time weekly in Computer Lab</p>

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<b>GRADE EIGHT</b>	<p><b>Religion: Loyal Press</b> <i>Christ Our Life</i></p> <p>Morality Church History Students receive the sacrament of Confirmation and actively participate in monthly Mass.</p> <p>Character Education Program</p> <p>Christian service hours required</p>	<p><b>Integrated Language Arts:</b> <b>Holt, Rinehart &amp; Winston: <i>Elements of Literature</i></b> along with various novels. Students will analyze, evaluate and comprehend a variety of literary and informational text. Students will demonstrate thinking through a variety of writings and identify primary and secondary sources. <b>Advanced ILA:</b> Accelerated literary program using classic novels and higher level writing skills for the gifted student. Curriculum for all students includes: WordMasters Challenge Research project.</p>	<p><b>Mathematics:</b> <b>Pearson</b>-Algebra I</p> <p>The Algebra I class is a true High School curriculum and is offered to students who meet the Diocesan criteria. The instructor is an RBC teacher. <b>Pre Algebra:</b> <u>Glencoe-Pre Algebra</u> Pre-Algebra program prepares students for high school Algebra I. Emphasis is on critical thinking and presenting viable solutions. <b>Math Lab:</b> Extra math periods in which students will work on learned concepts using differentiated activities and iPads.</p>	<p><b>Science:</b> <b>Houghton Mifflin</b>-Fusion Science Series:</p> <p>Cells: Building Blocks of Life Parade of Life: Monerans, Protists, Fungi and Plants Parade of Life: Animals, Human Biology and Health</p> <p>Curriculum includes dissecting projects and experiments.</p>	<p><b>Social Studies:</b> <b>Houghton Mifflin</b> <i>U.S. History</i></p> <p>Study of American History from Progressive Years to Modern Times.  Instruction also includes current as it relates to concepts being studied.  Curriculum includes Research Paper and Projects.</p>	<p><b>Art:</b> 1 time weekly in Art Room</p> <p><b>Phys. Ed.:</b> 1 time weekly in Gym</p> <p><b>Spanish:</b> 3/2 times weekly in classroom <i>Spanish 1 High School program.</i></p> <p><b>Computer Lab:</b> 1 time weekly in Computer Lab</p>
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