



ST. JOAN OF ARC PARISH



Education



Faith

A central graphic element featuring a purple fleur-de-lis symbol at the top. Below it is a light purple rectangular box with a decorative border. Inside the box, the word "Education" is written in a serif font at the top left. Below the text are four square icons: a graduation cap and diploma, a green pencil, a lit candle, and a pair of hands in prayer. At the bottom right of the box, the word "Faith" is written in a serif font.

GRADE EIGHT

Program Guide

Grade 8

Language Arts

- Define, recognize and give samples of parts of speech
- Define and recognize samples of clauses and sentence phrases
- Identify and use correct spelling, capitalization and punctuation
- Increase vocabulary using words found in literature and the vocabulary workshop text
- Write paragraphs of fact and opinion
- Write responses to various prompts
- Participate in various writing contests
- Write research reports using the correct writing/research method



Reading

- Summarize a passage
- Recall the stated main idea of a story
- Tell specific details of the story
- Draw a conclusion from the story
- Predict outcomes from the reading
- Suggest the author's purpose in writing
- Infer character traits of story person
- Tell the cause and effect of actions
- Make generalizations from reading
- Recognize and evaluate elements of style
- Recognize, name and define stylistic devices
- Use parts of the book for reference
- Use a dictionary, encyclopedia, the internet and thesaurus for reference
- Present self-prepared speeches using clear and correct speaking norms
- Critique speeches of classmates for content and presentation
- Read a variety of genres included in the Literature book
- Read with classmates in Literature Circles
- Read a required number of pages each week
- Read and explore various classical novels

Mathematics

- Use mathematical properties to evaluate expressions and solve open sentences involving rational numbers
- Interpret tables, graphs, and functions
- Write equations and formulas
- Apply proportional reasoning to similar triangles, percents, and direct and indirect variations
- Solve, graph, and analyze linear equations and inequalities
- Solve systems of linear equations and inequalities
- Explore polynomials
- Factor trinomials
- Explore quadratic and exponential functions
- Explore rational and radical expressions and equations

Problem solving and reasoning, number operations and relationships, geometry, statistics, probability, and measurement are frequently integrated. Basic skills previously learned are continuously reviewed.

Science

Focus: Life Science



Cells, Heredity, and Classification

- Through dissection, identify the levels of organization in living things: cells, tissues, organs, systems, and organisma
- Know the structure and function of the different parts of the cell
- Model how an inherited trait is determined by one or more genes using a Punnet Square
- Know the chemical and structural properties of DNA through successful extraction techniques and identify its role in specifying the characteristics of an organism

Plants and Animals

- Describe the chemical process of photosynthesis
- Observe that plants carry on basic life processes

- Understand that sexual and asexual reproduction are necessary for the continuation of the species
- Identify the plants' individual body structures and explain their specific functions for survival
- Understand the Life Classification System *Environment and Adaptations*
- Understand that through the process of succession, communities change over time
- Describe the eight biomes in terms of their distinct biotic and abiotic characteristics
- Know the history of the Theory of Evolution

Social Studies

- Know the 5 fields of social studies
- Know the 5 areas of geography
- Use a variety of geographic representations to gather and compare information about a place
- Construct and draw maps from memory
- Study the development of various countries around the world



Religion

- Know key principles about the Bible
- Study of the history of the church
- Continue to pray the "Memorare", "Apostle's Creed", the Rosary, and Stations of the Cross
- Participate in a Seder meal
- Participate in community service projects

Spanish

- Utilize textbook series "Paso a Paso". Textbook used for grades 5-8th
- Use games, songs, technology and listening exercises to reinforce new vocabulary
- Demonstrate an understanding of the concept of culture through comparisons of the cultures

- studied and their own
- Use the language both within and beyond the school setting
- Describe family members and friends, tell what someone's age is, say what other people like to do/not do, conjugate "tener" and "ser", shopping for clothing

Grammar is a primary emphasis. Conjugation of Spanish verbs is reinforced

Art

- Recognize that art is a universal form of communication and an essential factor in the needs of individuals
- Be able to use various media in a skillful manner to produce works of art
- Create a portrait perspective drawing, a print, a painting, a 3-D form and a project in clay
- Research a famous artist and be able to critique a work of art, forming an opinion of their own and other works of art
- Transfer knowledge between art and other subject areas

Music



- Learn beginning guitar
- Sing with complex accompaniments
- Sing in three-part harmony
- Learn songs/pieces from movies and musicals
- Introduce composers of the classical period (Mozart, Haydn, and Beethoven)
- Continue exposure to music from many time periods and cultures
- Notate music from rhythmic dictation

Physical Education

- Demonstrate competency in many movement forms and proficiency in a few movement forms
- Apply movement concepts and principles to the learning and development of motor skills

- Exhibit a physically active lifestyle
- Achieve and maintain a health-enhancing level of physical fitness
- Demonstrate responsible personal and social behavior in physical activity settings
- Demonstrate and understand that physical activity provides opportunities for enjoyment, challenge, self-expression, and social interaction

Health

- Learn how to avoid risks that can affect health
- Identify and develop good character traits
- Learn to set health & fitness goals
- Develop decision making skills
- Explore body systems and their functions
- Identify the benefits of physical activity and how to assess fitness progress
- Learn good nutrition, healthful food choices and meal planning
- Identify stress sources, how the body reacts, & effective ways to avoid & manage stress
- Develop strong personal relationships & resolve conflicts in a healthy manner
- Learn the dangers of alcohol, tobacco & drug use, and the methods to avoid
- Demonstrate awareness of the environment & how to reuse, reduce & recycle

Technology



- Understand computer hardware
- Enhance computer literacy
- Practice painting and drawing skills
- Strengthen & introduce Beginning, Intermediate, Advanced word processing skills
- Learn presentation skills
- Strengthen Internet & research skills
- Demonstrate operating system skills
- Establish keyboarding skills with a goal of 30-35 wpm
- Develop spreadsheet skills
- Strengthen and enhance Digital Storytelling skills



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