

## Foreign Language

### Listening

- Understand the meaning and most supporting details of a narrative, questions, answers and conversations involving a native speaker

### Speaking

- Create phrases or sentences
- Tell stories using pictures as guide
- Engage in guided conversations

### Reading

- Read unfamiliar material on familiar topics and comprehend the main idea and the supporting idea

### Writing

- Write biographical information, complete paragraphs, stories, notes, complete sentence answer to questions
- Recognize basic language patterns: subject, verb, object, adjective, adverb
- Learn both regular and irregular verb conjugations-present tense, present progressive tense, reflexive verbs

### Culture

- Investigate cultures throughout the Spanish-speaking world-geography, arrival a Spanish Colonials, Native Americans, music, art, dance, holidays, celebrations

### Fine Arts

- Understand the sensory elements, organizational principles and expressive qualities of arts
- Understand the similarities, distinctions and connections in and among the arts
- Through creating, understand how works of art are produced
- Understand processes, traditional tools and modern technologies used in the arts
- Understand the role of the arts in civilizations, past and present.
- Analyze how the arts function in history, society and everyday life.
- Understand how the arts shape and reflect history, society and everyday life
- Achieve and maintain a health-enhancing level of physical fitness based on self assessment
- Develop team building skills Understand human body systems and factors that influence growth and development

### Physical Education Health

- Demonstrate knowledge of rules, safety and strategies during physical activity
- Mental and Emotional Health

- Family and Social Health
- Physiology/Growth and Development
- Nutrition
- Personal health and physical activity
- Behavioral health and drugs
- Communicable and chronic diseases
- Consumer and Community Health
- Environmental health
- Injury prevention and safety (including bus safety)

### Social Emotional Development

- Develop self-awareness and self management skills to achieve school and life success
- Use social-awareness and interpersonal skills to establish and maintain positive relationships
- Demonstrate decision-making skills and responsible behaviours in personal, school and community contexts

### Instrumental Music

- Demonstrate understanding of basic music theory skills
- Discern basic percussion nomenclature on percussion music as related to percussion instruments
- Demonstrate understanding of functions of ties, slurs, phrase markings, bow technique, knowledge of instrument care and maintenance, posture, sitting, standing, finger positions, appropriate embouchure, chromatic scales, concert pitch, and conducting patterns.
- Identify and execute dynamics: p, mp, mf, f
- Perform scales (concert pitch)
- Participate in group lessons and rehearsals to build ensemble playing skills

### Library/Media Learning

- All students will demonstrate competence in recognizing when information is needed and how to retrieve, evaluate and use information effectively.
- All students will demonstrate effective communication of information through oral, written and electronic formats
- All students will exhibit respect and responsibility for information sources and show consideration users.
- All students will identify and select materials from a variety of resources for personal enjoyment and to foster life-long learning skills

# BANNOCKBURN

## SEVENTH GRADE CURRICULUM



### MISSION STATEMENT

The mission of Bannockburn School is to meet the cognitive, social and emotional needs of students living in an increasingly complex society.

# Grade Seven

## Applications of Learning

Through Applications of Learning, students demonstrate and deepen their understanding of basic knowledge and skills. These applied learning skills cross academic disciplines and reinforce the important learning of the disciplines. The ability to use these skills will greatly influence students' success in school, in the workplace and in the community. (ISBE, *Illinois Learning Standards*, 1999)

- **Solving Problems** - Recognize and investigate problems; formulate and propose solutions supported by reason and evidence
- **Communicating** - Express and interpret information and ideas
- **Using Technology** - Use appropriate instruments, electronic equipment, computers and networks to access information, process ideas and communicate results
- **Working on Teams** - Learn and contribute productively as individuals and as members of groups
- **Making Connections** - Recognize and apply connections of important information and ideas within and among learning areas

## Language Arts

Through the literary elements of fiction, traditional literature, poetry, biography, drama and non-fiction children will experience a wide range of instructional activities in listening, reading, writing, discussing and/or speaking.

### Reading

- Apply word analysis and vocabulary skills for comprehension
- Apply reading strategies to improve understanding fluency
- Comprehend a broad range of reading materials
- Understand how literary elements and techniques are used to convey meaning
- Read and interpret a variety of literary works for a variety of purposes
- Utilize a variety of strategies and references to learn and use new words
- Utilize different reading strategies

## Writing

- Use correct grammar, spelling, punctuation, capitalization and structure
- Compose well-organized and coherent writing for specific purposes and audiences
- All major points/events supported with a variety of techniques
- Depth of support throughout
- Communicate ideas in writing to accomplish a variety of purposes
- Draft, revise, edit, and proofread writing

## Listening and Speaking

- Listen effectively in formal and informal situations
- Speak effectively using language appropriate to situation and audience

## Mathematics

- Design data collection surveys
- Analyze data using a variety of graphs
- Explore algebraic expressions and equations
- Explore formulas and variables
- Solve multi step equations and inequalities
- Explore two variable relationships
- Explore linear equations and inequalities
- Explore absolute value
- Analyze percent increase and decrease
- Solve equations with rational numbers
- Explore square roots and irrational numbers
- Solve problems using the Pythagorean theorem
- Explore precision and significant digits
- Find surface area and volume of prisms, pyramids, cylinders and cones
- Explore functions
- Explore polynomials
- Explore trigonometric relationships
- Write detailed explanations of problem solving methods

## Science-Life Science

- Understand how plants are classified
- Analyze plant reproduction and growth
- Explore how plants change over time
- Understand why photosynthesis is an essential process
- Understand what structures help plants function in different environments
- Conduct experiments that show different plant processes and the function of its part

## Physical Science

- Understand Newton's Laws of Motion
- Investigate factors that affect the gravitational forces on an object
- Understand how to use physical science equipment safely and appropriately

## Earth Science

- Identify earth's position in the solar system and compare it to other planetary objects
- Explain the reasons for the seasons
- Explain the phases of the moon
- Understand the role of gravitational force in the solar system
- Describe theories of the origin of the universe

## Scientific Process

- Formulate hypotheses that can be tested by collecting data
- Design scientific experiments that control all but one variable
- Collect and record data accurately using consistent measuring and recording techniques and media
- Use data manipulation tools and quantitative and representational methods to analyze measurements
- Explain the existence of unexpected results
- Interpret and represent results of analysis to produce findings
- Record and display the process and results of a scientific investigation
- Indicate knowledge of potential hazards in science
- Know the similarities and differences between observational and experimental investigations

## Science, Technology & Society

- Know important contributions to science and technology, and how occupations use scientific and technological knowledge and skills

## Social Studies

- Understand the launching of a new republic and the challenges of forming a new government
- Analyze national and regional growth including industry and invention
- Study the various eras of personal influences such as the Jefferson era, the age of Jackson, and Lincoln's presidency
- Investigate manifest destiny and the spirit of change with immigration, abolition, women's rights, and the role of labor unions
- Understand a nation breaking apart, the Civil War, and the legacy of war
- Study the period of Reconstruction
- Study genocide: Armenian, Ukraine, Cambodia, Bosnia, Rwanda and Sudan