

### Foreign Language -Listening

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

#### Speaking

- Create original phrases or sentences
- Tell stories with vocabulary as guide
- Engage in guided conversations

#### Reading

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

#### Writing

- Write simple biographical information, basic paragraphs, stories, short messages, notes, complete sentence answer to questions
- Recognize basic language patterns: subject, verb, object
- Learn both regular and irregular verb conjugations as well as other basic parts of speech in the past tense

#### Culture

- Investigate diverse cultures throughout the world

#### 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.

#### 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

### Physical Education/Health

- Understand human body systems and factors that influence growth and development
- Mental and emotional health
- Family and social health
- Physiology growth and development
- Nutrition
- Behavioural health and drugs
- Communicable and chronic diseases
- Environmental health
- Injury prevention and safety-including bus safety
- Consumer and community health
- Understanding human body systems and factors that influence growth and development
- Develop team building skills
- Demonstrate knowledge of rules, safety and strategies during physical activity
- Achieve and maintain a health-enhancing level of physical fitness based on a self assessment

#### 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.
- 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

## EIGHTH 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 Eight

## 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

## 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
- Career research project and presentation

## Mathematics

- Explore expressions, equations and functions
- Solve complex expressions using the order of operations
- Explore distributive, commutative, associative, and other properties of mathematics
- Solve multistep equations and inequalities with rational and irrational numbers
- Solve linear equations
- Explore direct and inverse variation
- Graph relations and functions
- Explore standard form, point slope form and the slope intercept form of linear equations
- Solve compound inequalities
- Solve absolute value equations
- Use graphing, substitution and elimination methods to solve systems of equations
- Add, subtract, multiply and divide monomials and polynomials
- Factor polynomials
- Explore quadratic functions
- Solve expressions and equations with radicals
- Write detailed explanations of problem solving methods

## Science

### Life Science

- Apply concepts that describe how living things interact with each other and their environment
- Study ecology, changing life over time

## Earth Science

- Explore environmental issues such as global warming and acid rain

### Physical Science

- Chemistry
- Research how atoms bond
- Understand classifications of matter
- Experiment with chemical change

### Scientific Process

- Formulate hypotheses referencing prior research and knowledge
- Conduct controlled experiments or simulations to test hypotheses
- Collect, organize, and analyse data accurately
- Apply statistical methods to reach and support conclusions and formulate alternative hypotheses to explain unexpected results

### Science Technology, & Science

- Apply concepts that describe the interactions between science, technology and society

### Social Studies

- Study the westward movement and the growth of an industrial society
- Analyze changes in American Life and the Progressive Era
- Investigate the United States becoming a world power and its entry into World War I
- Become familiar with the presidencies of T. Roosevelt, Taft, Wilson, Hoover, F.D. Roosevelt
- Investigate the Great Depression and the New Deal as well as dictatorship and World War II
- Understand American democratic government: state and national constitutions
- Investigate the contributions of ethnic groups and both sexes in the history of this state and country
- Study the events known as the Holocaust
- Study of genocide including Armenian, the Famine-Genocide in Ukraine, Cambodia, Bosnia, Rwanda and Sudan
- Investigate the role of women in American history