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| **Grade 8 Big Ideas** | | | | | | | | |
| **English Language Arts** | **Math** | **Science** | **Social Studies** | **Physical & Health Education** | **Arts Education** | **French** | **Career Education** | **Applied Design, Skills, and Technologies** |
| Language and text can be a source of creativity and joy. | Number represents, describes, and compares the quantities of ratios, rates, and percents. | Life processes are performed at the cellular level. | Contacts and conflicts between peoples stimulated significant cultural, social, political change. | Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals. | Creative growth requires patience, readiness to take risks, and willingness to try new approaches. | Listening and viewing with intent help us understand a message | Reflecting on our preferences and skills helps us identify the steps we need to take to achieve our career goals. | Design can be responsive to identified needs. |
| Exploring stories and other texts helps us understand ourselves and make connections to others and to the world. | Computational fluency and flexibility extend to operations with fractions. | The behaviour of matter can be explained by the kinetic molecular theory and atomic theory. | Human and environmental factors shape changes in population and living standards. | Lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle. | Individual and collective expression can be achieved through the arts. | Using strategies helps us understand and acquire language. | The value of work in our lives, communities, and society can be viewed from diverse perspectives. | Complex tasks require the acquisition of additional skills. |
| People understand text differently depending on their worldviews and perspectives. | Discrete linear relationships can be represented in many connected ways and used to identify and make generalizations. | Energy can be transferred as both a particle and a wave. | Exploration, expansion, and colonization had varying consequences for different groups. | Healthy choices influence our physical, emotional, and mental well-being. | Dance, drama, music, and visual arts are each unique languages for creating and communicating. | With basic French, we can describe important people in our lives | Achieving our learning goals requires effort and perseverance. | Complex tasks may require multiple tools and technologies |
| Texts are socially, culturally, and historically constructed. | The relationship between surface area and volume of 3D objects can be used to describe, measure, and compare spatial relationships. | The theory of plate tectonics is the unifying theory that explains Earth’s geological processes. | Changing ideas about the world created tension between people wanting to adopt new ideas and those wanting to preserve established traditions. | Healthy relationships can help us lead rewarding and fulfilling lives. | Artists often challenge the status quo and open us to new perspectives and experiences. | Reciprocal communication is possible in French using simple, high-frequency words and patterns. | Adapting to economic and labour market changes requires flexibility. |  |
| Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens. | Analyzing data by determining averages is one way to make sense of large data sets and enables us to compare and interpret. |  |  | Advocating for the health and well-being of others connects us to our community. |  | Stories allow us to understand ideas in a meaningful way | Our career paths reflect the personal, community, and educational choices we make. |  |
|  |  |  |  |  |  | Learning about Francophone communities helps us develop cultural awareness |  |  |

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| **Grade 9 Big Ideas** | | | | | | | | |
| **English Language Arts** | **Math** | **Science** | **Social Studies** | **Physical & Health Education** | **Arts Education** | **French** | **Career Education** | **Applied Design, Skills, and Technologies** |
| Language and story can be a source of creativity and joy. | The principles and processes underlying operations with numbers apply equally to algebraic situations and can be described and analyzed. | Cells are derived from cells. | Emerging ideas and ideologies profoundly influence societies and events. | Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals. | Identity is explored, expressed, and impacted through arts experiences. | Authors can cast a critical gaze on social issues through their works. | Reflecting on our preferences and skills helps us identify the steps we need to take to achieve our career goals. | Social, ethical, and sustainability considerations impact design. |
| Exploring stories and other texts helps us understand ourselves and make connections to others and to the world. | Computational fluency and flexibility with numbers extend to operations with rational numbers. | The electron arrangement of atoms impacts their chemical nature. | The physical environment influences the nature of political, social, and economic change. | Lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle. | The arts provide opportunities to gain insight into the perspectives and experiences of people from a variety of times, places, and cultures. | Stage adaptations offer a way to look at a work differently. | The value of work in our lives, communities, and society can be viewed from diverse perspectives. | Complex tasks require the sequencing of skills. |
| People understand text differently depending on their worldviews and perspectives. | Continuous linear relationships can be identified and represented in many connected ways to identify regularities and make generalizations. | Electric current is the flow of electric charge. | Disparities in power alter the balance of relationships between individuals and between societies. | Healthy choices influence our physical, emotional, and mental well-being. | Creative arts experiences can build community and nurture relationships with others. | Certain texts are timeless and, as such, reflect values that transcend the social context from which they emerge. | Achieving our learning goals requires effort and perseverance. | Complex tasks require different technologies and tools at different stages. |
| Texts are socially, culturally, and historically constructed. | Similar shapes have proportional relationships that can be described, measured, and compared. | The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them. | Collective identity is constructed and can change over time. | Healthy relationships can help us lead rewarding and fulfilling lives. | Dance, drama, music, and visual arts each use their own unique sensory language for creating and communicating. | The “character effect” depends on both implicit and explicit elements. | Adapting to economic and labour market changes requires flexibility. |  |
| Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens. | Analyzing the validity, reliability, and representation of data enables us to compare and interpret. |  |  | Advocating for the health and well-being of others connects us to our community. |  | To express oneself well, it is essential to follow language conventions, use a rich vocabulary, and pay attention to text organization. | Our career paths reflect the personal, community, and educational choices we make. |  |
|  |  |  |  |  |  | Through their interactions, Aboriginal peoples and Francophone communities in Canada influence each other’s languages and cultures. |  |  |
|  |  |  |  |  |  | Communicating in French helps to develop a sense of belonging to a Francophone community. |  |  |