



Big Ideas – Grade 9

Subject	Big Idea	Subject	Big Idea
Arts Education	Identity is explored, expressed, and impacted through visual arts experiences.	Mathematics	Similar shapes have proportional relationships that can be described, measured, and compared.
Arts Education	The visual arts provide opportunities to gain insight into perspectives and experiences of people from a variety of times, places, and cultures.	Mathematics	Analyzing the validity, reliability, and representation of data enables us to compare and interpret.
Arts Education	Art experiences can build community and nurture relationships with others.	Physical and Health Education	Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals.
Arts Education	The visual arts use a unique sensory language for creating and communicating.	Physical and Health Education	Lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle.
Applied Design, Skills and Technologies	Social, ethical, and sustainability considerations impact design.	Physical and Health Education	Healthy choices influence our physical, emotional, and mental well-being.
Applied Design, Skills and Technologies	Complex tasks require the sequencing of skills.	Physical and Health Education	Healthy relationships can help us lead rewarding and fulfilling lives.
Applied Design, Skills and Technologies	Complex tasks require different technologies and tools at different stages.	Physical and Health Education	Advocating for the health and well-being of others connects us to our community.
English Language Arts	Language and story can be a source of creativity and joy.	Science	Cells are derived from cells.
English Language Arts	Exploring stories and other texts helps us understand ourselves and make connections to others and to the world.	Science	The electron arrangement of atoms impacts their chemical nature.
English Language Arts	People understand text differently depending on their worldviews and perspectives.	Science	Electric current is the flow of electric charge.
English Language Arts	Texts are socially, culturally, and historically constructed.	Science	The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.
English Language Arts	Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens.	Social Studies	Emerging ideas and ideologies profoundly influence societies and events.
Mathematics	The principles and processes underlying operations with numbers apply equally to algebraic situations and can be described and analyzed.	Social Studies	The physical environment influences the nature of political, social, and economic change.
Mathematics	Computational fluency and flexibility with numbers extend to operations with rational numbers.	Social Studies	Disparities in power alter the balance of relationships between individuals and between societies.
Mathematics	Continuous linear relationships can be identified and represented in many connected ways to identify regularities and make generalizations.	Social Studies	Collective identity is constructed and can change over time.