



Big Ideas – Grade 7

Subject	Big Idea	Subject	Big Idea
Arts Education	Through art making, one's sense of identity and community continually evolves.	Mathematics	The constant ratio between the circumference and diameter of circles can be used to describe, measure, and compare spatial relationships.
Arts Education	Experiencing art challenges our point of view and expands our understanding of others.	Mathematics	Data from circle graphs can be used to illustrate proportion and to compare and interpret.
Arts Education	Dance, drama, music, and visual arts are each unique languages for creating and communicating.	Physical and Health Education	Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals.
Arts Education	Engaging in the arts develops people's ability to understand and express complex ideas.	Physical and Health Education	Physical literacy and fitness contribute to our success in and enjoyment of physical activity.
Applied Design, Skills and Technologies	Design can be responsive to identified needs.	Physical and Health Education	We experience many changes in our lives that influence how we see ourselves and others.
Applied Design, Skills and Technologies	Complex tasks require the acquisition of additional skills.	Physical and Health Education	Healthy choices influence our physical, emotional, and mental well-being.
Applied Design, Skills and Technologies	Complex tasks may require multiple tools and technologies.	Physical and Health Education	Learning about similarities and differences in individuals and groups influences community health.
English Language Arts	Language and text can be a source of creativity and joy.	Science	Evolution by natural selection provides an explanation for the diversity and survival of living things.
English Language Arts	Exploring stories and other texts helps us understand ourselves and make connections to others and to the world.	Science	Elements consist of one type of atom, and compounds consist of atoms of different elements chemically combined.
English Language Arts	Exploring and sharing multiple perspectives extends our thinking.	Science	The electromagnetic force produces both electricity and magnetism.
English Language Arts	Developing our understanding of how language works allows us to use it purposefully.	Science	Earth and its climate have changed over geological time.
English Language Arts	Questioning what we hear, read, and view contributes to our ability to be educated and engaged citizens.	Social Studies	Geographic conditions shaped the emergence of civilizations.
Mathematics	Decimals, fractions, and percents are used to represent and describe parts and wholes of numbers.	Social Studies	Religious and cultural practices that emerged during this period have endured and continue to influence people.
Mathematics	Computational fluency and flexibility with numbers extend to operations with integers and decimals.	Social Studies	Increasingly complex societies required new systems of laws and government.
Mathematics	Linear relations can be represented in many connected ways to identify regularities and make generalizations.	Social Studies	Economic specialization and trade networks can lead to conflict and cooperation between societies.