

Grade 6A/7B7 Year Plan

	September	October	November	December	January	February	March	April	May	June
Social Studies	World Geography Cluster 1			Global Quality of Life Cluster 2			Ways of Life in Asia, Africa Australasia Cluster 3			Human Impact in Europe and the Americas Cluster 4
Science	Earth's Crust Cluster 4			Particle Theory of Matter Cluster 2			Forces and Structures Cluster 3			Interactions within Ecosystems Cluster 1

Science Outcomes

Cluster 4: Earth's Crust (September – Mid November)

- Describe the Earth's structure
- Explain how rocks on the Earth constantly undergo a slow process of change through the rock cycle
- Identify environmental impacts of geological resource extraction, and describe techniques used to address these
- Explain geological processes and events using the theory of plate tectonics.

Cluster 2: Particle Theory of Matter (Mid November – End of January)

- Describe the particle theory of matter and use it to explain changes of state
- Demonstrate how heat can be transmitted through solids, liquids, and gases.
- Identify solutes and solvents in common solid, liquid, and gaseous solutions.
- Discuss the potential harmful effects of some substances on the environment, and identify methods to ensure their safe use and disposal.

Cluster 3: Forces and Structures (Beginning of February – Mid April)

- Classify natural and human-built structures found locally and around the world.
- Recognize that internal and external forces apply stress to structures,
- Describe and demonstrate methods to increase the strength of materials.
- Evaluate a structure to determine the appropriateness of its design, using the design process.

Cluster 1: Interactions within Ecosystems (Mid April – End of June)

- Define ecosystem, and describe various examples that range from the microscopic to the entire biosphere
- Explain, using ecological pyramids, the potential for bioaccumulation within an ecosystem.
- Describe ecological succession and identify signs of succession in a variety of ecosystems.
- Identify beneficial and harmful roles played by micro-organisms

Social Studies Outcomes

Cluster 1: World Geography (Beginning of September – Mid November)

- Explain the purpose of latitude, longitude, parallels, and meridians
- Locate on a world map and describe the major climatic and vegetation zones
- Identify factors that influence the movement of people around the world.

Cluster 2: Global Quality of Life (Mid November – End of January)

- Describe the impact of various factors on quality of life in Canada and elsewhere in the world.
- Respect others' rights to express their points of view.
- Describe the impact of various factors on citizenship rights in Canada and elsewhere in the world.
- Appreciate the positive contributions of various individuals to world affairs

Cluster 3: Ways of Life in Asia, Africa Australasia (Beginning of February – Mid April)

- Demonstrate interest in ways of life of other societies in the world
- Give examples of the influence of the natural environment on ways of life in a society of Asia, Africa, or Australasia
- Give examples of cultural factors that shape ways of life in a society of Asia, Africa, or Australasia
- Identify issues related to work and trade in a society of Asia, Africa, or Australasia

Cluster 4: Human Impact in Europe and the Americas (Mid April – End of June)

- Identify major economic activities in a society of Europe or the Americas.
- Identify common challenges faced by large urban centres
- Identify historical events that continue to affect a society of Europe or the Americas.
- Identify human activities that contribute to climate change.