

Prescribed Learning Outcomes in the BC Curriculum that could be linked with Bluewater Adventure school trips

Grade 8 Science

B1 Demonstrate knowledge of the characteristics of living things

D1 explain the significance of salinity and temperature in the world's oceans

D2 describe how water and ice shape the landscape

D3 describe factors that affect productivity and species distribution in aquatic environments

Grade 9 Science

B3 compare sexual and asexual reproduction in terms of advantages and disadvantages

Grade 10 Science

B1 explain the interaction of abiotic and biotic factors within an ecosystem

B2 assess the potential impacts of bioaccumulation

B3 explain various ways in which natural populations are altered or kept in equilibrium

C6 explain the relationship of displacement and time interval to velocity for objects in uniform motion

Physics 11

C1 apply knowledge of the relationships between time, displacement, distance, velocity, and speed to situations involving objects in one dimension

Earth Sciences 11

C1 differentiate between rocks and minerals

F3 relate the processes associated with weathering and erosion to the resulting features

F4 describe features and processes associated with physical oceanography

Biology 11

B1 apply the Kingdom system of classification to study the diversity of organisms

D1 analyze the functional inter-relationships of organisms within an ecosystem

F1 analyze how the increasing complexity of algae, mosses, and ferns represent an evolutionary continuum of adaptation
F2 analyze how the increasing complexity of gymnosperms and angiosperms contribute to survival in a land environment

G2 analyze the increasing complexity of the Phylum Porifera and the Phylum Cnidaria
G4 analyze the increasing complexity of the Phylum Mollusca, the Phylum Echinodermata, and the Phylum Arthropoda

Geology 12

B1 differentiate between igneous, sedimentary, and metamorphic rocks
B5 compare sedimentary rocks
B6 relate sedimentary features to their depositional environments

Geography 12

B1 Describe the features and processes associated with plate tectonics, including :
folding and faulting

C1 describe the features and processes associated with weathering and mass wasting
C2 describe the features and processes associated with – glaciers, waves

D3 analyze specific weather phenomena including: fog, local winds, extreme events
D4 interpret information from weather maps and station models

E1 outline characteristics of the Earth's major biomes, including – deciduous/mixed forest

E2 describe how vegetation adapts to environmental conditions

F2 Assess the environmental impact of human activities