

Summer By The Sea - Main Topics

Lesson 1: Varieties of pine trees, introduction to Taxonomy

Lesson 2: Zooplankton, fish species, saltwater and freshwater habitats

Lesson 3: Clams and other bivalves

Lesson 4: Epifaunal and Infaunal creatures, gills, starfish, the Intertidal Zone

Lesson 5: Teleosts, Chondrichthyes, fish buoyancy, the ocean food chain

Lesson 6: Deep ocean fish, coral taxonomy

Lesson 7: Birch tree taxonomy, ocean tides, sessile suspension feeders

Lesson 8: Bioluminescent ocean creatures, fluorescence, Arthropoda

Lesson 9: Fungi, Protista, Monera

Lesson 10: Types of cells

Lesson 11: Seashore plants and birds, photosynthesis

Lesson 12: Atoms and molecules, how cells work, density and flotation

Lesson 13: Classification system, types of protist cells, microscopes

Lesson 14: Snakes, venomous reptile classification

Lesson 15: Monera, natural resources

Lesson 16: Aquascaping, algae classification, kelp

Lesson 17: Cetacea, binomial nomenclature

Lesson 18: Layers of the Earth, frog life cycle, echolocation, ocean currents

Lesson 19: Phytoplankton, squid

Lesson 20: Wild blueberries, clamming, oyster farms, fish fertilizer

Lesson 21: Ecology, recycling, the water cycle, the oxygen cycle, the carbon cycle

Lesson 22: tide pool plants and animals

Lesson 23: Amoebas, ciliates and flagellates

Lesson 24: Subclasses of bivalves

Lesson 25: Cyanobacteria, lichen, phylums of the Fungi kingdom

Lesson 26: Mosquitoes

Lesson 27: Sea turtles, seals, Mustelidae

Lesson 28: Sailboating, sunburn

Lesson 29: Coral reefs

Lesson 30: Various fish

Lesson 31: Cleaner fish, coexistence

Lesson 32: Remora, anemones, hermit crabs

Lesson 33: Sea slugs, venomous fish, flying fish

Lesson 34: Types of clouds

Lesson 35: Aquarium trip, report on chosen topic

Lesson 36: Seashells and sand