Animals of the Seas and Wetlands  Grade 1 Curriculum
addresses the following Alaska State Teaching Standards

Unit One: Introduction to Marine Invertebrates

Activity #1 Live Sea Animals
Science:
A-12 Biological diversity
A-14 Living things and their environments
B-3 Understand that scientific inquiry involves multiple paths
C-2 Knowledge through experimentation
C-5 Collaboration

Activity #2 Making an Undersea World
Science:
A-12 Biological diversity
A-14 Living things and their environments

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Unit Two: Marine Invertebrate Species

Activity #1 Sponges
Science:
A-12 Biological diversity
A-14 Living things and their environments

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Activity #2 Jellyfish and Anemones
Language Arts:
A-1 Effective writing
A-2 Writing conventions

Science:
A-12 Biological diversity
A-14 Living things and their environments

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Activity #3 Worms
Science:
A-12 Biological diversity
A-14 Living things and their environments
C-5 Collaboration

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Activity #4 The Crustaceans
Science:
A-12 Biological diversity
A-14 Living things and their environments
C-5 Collaboration

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Activity #5 Pagoo the Hermit Crab
Language Arts:
A-1 Effective writing
B-1 Meaning from written, oral, and visual information

Science:
A-12 Biological diversity
A-14 Living things and their environments

Arts:
A-1 Participate in the arts
A-4 Demonstrate creativity
Activity #6 Crab for Dinner
Science:
A-12 Biological diversity
A-14 Living things and their environments

Activity #7 The Mollusks
Science:
A-12 Biological diversity
A-14 Living things and their environments
C-5 Collaboration

Math:
A-3 Arithmetic and computation

Activity #8 The Echinoderms
Science:
A-12 Biological diversity
A-14 Living things and their environments

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Activity #9 The Chordates
Language Arts:
A-2 Writing conventions

Science:
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Unit Three: Beach Field Studies
Activity #1 When the Tide Comes In
Science:
A-7 Processes that shape the earth
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge

Skills for a Healthy Life:
A-3 Injury prevention

Activity #2 Beach Field Trip
Language Arts:
C-2 Project organization

Science:
A-7 Processes that shape the earth
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge
B-3 Understand that scientific inquiry involves multiple paths

Activity #3 Home from the Beach
Language Arts:
A-1 Effective writing
D-1-A Personal experience and prior knowledge

Science:
A-15 Using local knowledge
C-3 Cultural influences
C-5 Collaboration

Math:
B-3 Using math in real-life situations
C-1 Using pictures, graphs, and charts

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Unit Four: Freshwater Invertebrates
Activity #1 What Lives in a Pond?
Science:
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Activity #2 Visiting a Pond or a Stream
Language Arts:
C-5 Project collaboration
D-1-A Personal experience and prior knowledge
Unit Five: Fish
Activity #1 Discovering Fish
Language Arts:
A-1 Effective writing
A-2 Writing conventions

Science:
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge
B-3 Understand that scientific inquiry involves multiple paths

Activity #2 Make Your Own Fish
Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity
A-5 Collaboration

Activity #3 Follow the Salmon
Science:
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge
B-3 Understand that scientific inquiry involves multiple paths

Arts:
A-1 Participate in the arts

Unit Six: Amphibians
Activity #1 Frogs and Toads
Science:
A-12 Biological diversity
A-14 Living things and their environments
B-3 Understand that scientific inquiry involves multiple paths

Activity #2 The Legend of Six Frogs
Language Arts:
C-3 Group decision-making
E-4 Recognize different culture’s communication styles

Science:
A-12 Biological diversity

Arts:
A-1 Participate in the arts
A-4 Demonstrate creativity

Unit Seven: Marine Mammals
Activity #1 Studying a Marine Mammal
Language Arts:
D-4 Explain and defend a position

Science:
A-12 Biological diversity
A-14 Living things and their environments
C-5 Collaboration
C-6 Scientific discovery

Activity #2 Making Walrus, Seal, or Sea Otter Paper Bag Puppets
Science:
A-12 Biological diversity
A-14 Living things and their environments

Arts:
A-1 Participate in the arts
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity

Activity #3 Marine Mammals in Arts, Music and Literature
Language Arts:
A-1 Effective writing
B-1 Meaning from written, oral, and visual information
D-1-A Personal experience and prior knowledge
Activity #1 Counting Animal Tracks
Science:
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge
B-3 Understand that scientific inquiry involves multiple paths
C-5 Collaboration
C-6 Scientific discovery

Activity #3 Look at Your Habitat
Science:
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge
C-3 Cultural influences
C-5 Collaboration

Arts:
A-1 Participate in the arts

Unit Eight: Freshwater Mammals
Activity #1 Counting Animal Tracks
Science:
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge
B-3 Understand that scientific inquiry involves multiple paths
C-5 Collaboration
C-6 Scientific discovery

Unit Nine: From Wetlands to the Sea
Activity #1 Aquatic Habitat
Science:
A-12 Biological diversity
A-14 Living things and their environments
A-15 Using local knowledge

Activity #2 Swimming in an Underwater World
Science:
A-12 Biological diversity
A-14 Living things and their environments

Arts:
A-3 Materials, tools, techniques, and processes
A-4 Demonstrate creativity
A-1 Participate in the arts