

## Name of Exhibit: Saltwater Aquariums

Description: The HSC salt water aquariums are warm water tank featuring tropical fish and invertebrate species. Most species present are native to the Indo-Pacific region around Australia and Indonesia.

For all ages.

### MN SCIENCE Grad Stand/Strand/Sub-strand: Number####:

0L 1.2.1.2, 0L 2.1.1.3, 0L 3.1.1.1  
1L 1.1.1.1, 1L 3.1.1.1, 1L 3.2.2.2, 1L 4.1.1.1, 1L 4.2.1.2  
2L 4.1.1.1  
3L 3.1.1.2, 3L 3.2.1.1, 3L 4.1.1.1, 4L 4.2.1.1  
4L 4.1.1.1, 4L 4.2.1.2  
5L 4.1.2.1  
7L 2.1.1.1, 7L 3.2.1.1, 7L 4.1.1.2

**Grade Level(s):** Kindergarten through 8th Grades

**Content Area(s):** Life Science

**Learning Target(s):**

**Essential Question(s):**

1. I can ask questions from observations about the similarities and differences found in saltwater fish and other living things.
2. I can explain how patterns in the behavior of saltwater fish and their offspring help offspring survive.
3. I can explain, using evidence, how variations in characteristics among saltwater fish (same species) may provide advantages in surviving, finding mates, and reproducing.
4. I can apply my knowledge about specific HSC saltwater fish to explain the strategies a variety of animals use to survive.
5. I can obtain information from resources to determine that saltwater fish have traits inherited from parents and that variations of these traits exist in a group of similar organisms.
6. What variations are the result of inherited traits from parents of saltwater fish?

**Key Vocabulary in Demo:** Adaptation, Camouflage, Coldblooded, Fins, Gills, Habitat, Scales

**Prerequisite Terms:** Adaptation, Advantage, Behavior, Characteristics, Differences, Function, Lineage, Mimic, Model, Observation, Patterns, Protect, Range, Relationship, Similarities, Strategies, Structure, Traits, Variation