# Text Oregon Coast Marine Science Educator Alliance logo 2020-21

# Key Vocabulary and Definitions

## Krill Prefer Chill

**Polar Ecosystem-** An ecosystem that is characterized by ice and is located on the northern and southern poles of the Earth.

**Krill-** A shrimplike planktonic crustacean that serves as the primary food source for several predators, including whales.

**Keystone Species-** An organism that holds the ecosystem together.

**Population-** A group (people, objects, events) about which you are gathering information.

**Sample-** A part of a population that is chosen to represent the whole group.

**Random Samples-** A sample in which every person, object, or event has an equal chance of being selected.

**Data-** Factual information that are collected for reference or analysis.

**Mean**- The average value of a data set.

**Median-** The middle value of a data set.

**Mode-** The most common value of a data set.

**Dot Plot-**A plot where every data point is represented with a dot on a number line. This plot shows the frequency of each data value.

**Box-and-Whisker Plot-**A graph that shows how data are distributed by using the median quartiles, least value, and greatest value; also called a box plot.

**Correlation-** The relationship between two or more variables in a data set. Does not imply causation.

**Causation-** The relationship between two variables where one variable is affected by the other.

**Temperature-** The degree or intensity of heat present in a substance, object, or environment.

**Fahrenheit -** Temperature scale based on a freezing point at 32 degrees (°) and boiling point at 212°.

**Celsius -** Temperature scale based on a freezing point at 0 degrees (°) and a boiling point at 100°.

**Environmental Impact** - The change in an environment that results in an impacted ecosystem.

**Climate Change -** Long term change in average temperature and weather patterns.

**Pollution -** The introduction of harmful materials into the environment.

**Carbon Emissions -** Carbon dioxide being released into the atmosphere from various sources.

**Greenhouse Effect -** The way in which heat is trapped close to Earth’s surface by gasses in the atmosphere.

**Carbon Footprint -** The total amount of greenhouse gasses that are generated by a person or entity.