

CRAFT IN AMERICA

A TREASURE IN THE SEA EDUCATION GUIDE

Review the following vocabulary to support your understanding of the media.

- Acidic means that something has acid in it. Acid is a chemical that can be useful but can also damage things, like our skin, if it is too strong.
- Algae are plant-like living things that most often live in water. There are many kinds. A single algae is called an alga. Like plants, algae turns light energy into chemical energy (photosynthesis.)
- Carbon emissions are the gasses that are formed when people burn fuels. One example happens when we burn gas to make a car run, and that creates carbon dioxide. The carbon dioxide from carbon emissions has made our planet warmer.
- A coral colony is the living structure formed of many coral polyps joining together through a shared exoskeleton.
- A coral is a tiny animal. The word coral also means the whole colony, or group of thousands of individual corals that grow together in a mass.
- A coral reef is an ecosystem in the water. It is formed by coral colonies. An ecosystem is a home for a group of living things that interact with each other.
- An exoskeleton is a skeleton on the outside of a living thing instead of on the inside. A brace on your leg can also be a kind of exoskeleton.
- An infographic is a design that uses pictures and words to help explain something or make it understandable. An example is a fire safety poster.
Kawaii in popular art means a cute or lovable style. The idea and style originated in Japan. Hello Kitty is an example.
- A coral polyp is the individual coral animal and its structure. The polyps join together to make a coral colony.
- Potable means safe to drink. Potable water for humans is water that is not polluted, but clean and safe to drink.
- Scientific illustration is the art of explaining science topics through artworks, such as a drawing of a coral polyp that shows all of its parts.
- Soft coral can resemble seaweed, and is formed by many coral polyps that join together and have a kind of internal flexible skeleton.
- Stony coral or hard coral is a coral colony that forms a hard exoskeleton.
- Texture means the feel or look of a surface such as hard, soft, fuzzy, or smooth.
- Undulate means to move up and down or back and forth like a wave. Soft corals undulate in the water.
- Zooxanthellae are a kind of algae that live with coral polyps. They rely on each other to survive.
Note: the word algae can be used in place of the more complicated (to spell and pronounce) zooxanthellae. However, zooxanthellae may be a fun word for students to learn, master, and use during this lesson. You can find a pronunciation recording online.
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