

# AQUATIC BIOMES

## READING PASSAGE & PIXEL ART ACTIVITY

- Includes:
  - Reading Passage
  - DOK Questions
  - Pixel Art Activity!

### Diving into Earth's Aquatic Ecosystems: From Oceans to Rivers

Task: After reading the passage on aquatic ecosystems, answer the following using complete sentences.

1. What are aquatic biomes?
2. How are marine biomes different from freshwater biomes?
3. Name one type of freshwater biome.

How do marine biomes help regulate Earth's climate?

### Earth's Aquatic

| Question                                                                         | Answer | Direction |
|----------------------------------------------------------------------------------|--------|-----------|
| What do marine biomes, like oceans, absorb, helping to regulate Earth's climate? |        | Start     |
| What zone begins at the continental shelf and extends to the open ocean?         |        |           |
| What type of water is found in estuaries?                                        |        |           |
| What zone is characterized by complete darkness?                                 |        |           |
| Photosynthesis is able to occur in the photic zone due to the presence of what?  |        |           |
| Standing freshwater includes lakes and ...                                       |        |           |
| the coastal ecosystems where the river meet the sea?                             |        |           |
| marine zone is closest to shore, and visible during low tide?                    |        |           |
| What type of water do marine biomes have?                                        |        |           |
| down to 6,000 feet below sea level, what zone is the deepest part of the ocean?  |        |           |
| What type of water do freshwater biomes have?                                    |        |           |
| What ecosystem makes up less than 1% of our ocean?                               |        |           |

