

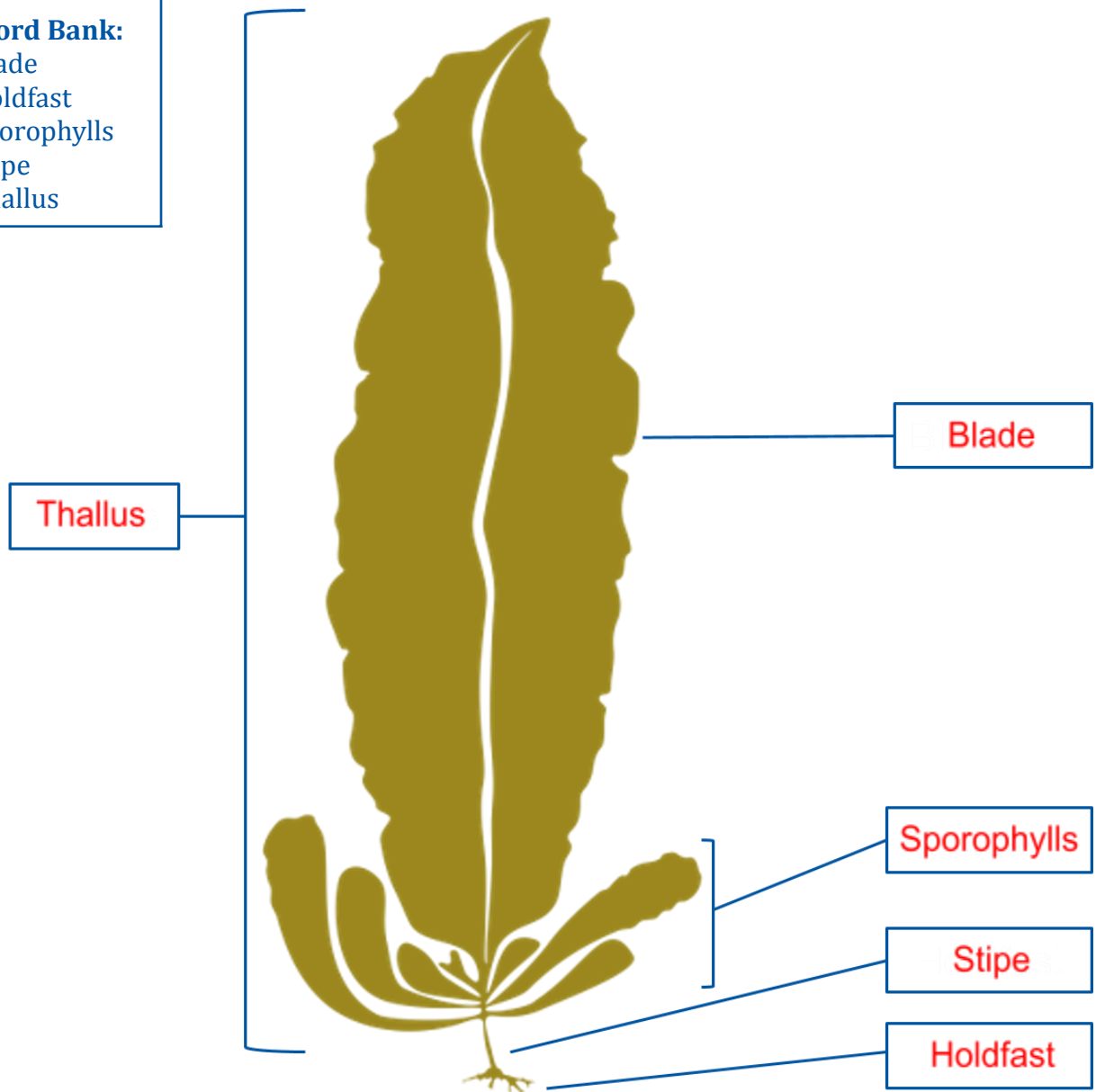
Name \_\_\_\_\_

## Seaweed Anatomy - Structure and Function Activity Worksheet

Part 1. Look at the image below. Using the word bank, label each part of the seaweed with the correct name.

**Word Bank:**

Blade  
Holdfast  
Sporophylls  
Stipe  
Thallus



geesh (ribbon kelp)



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Part 2. In your own words, write 1-2 sentences describing what each seaweed structure does and how you think it helps the seaweed survive.

**Blade:** The blade is the flattened part of a seaweed that resembles a leaf. It gives the seaweed a surface to absorb sunlight and conduct photosynthesis.

**Holdfast:** The holdfast is the base of a seaweed. It attaches the seaweed to a hard substrate like a rock. The holdfast anchors the seaweed in place against the tides and waves.

**Stipe:** The stipe is the stalk of a seaweed between holdfast and blade. It resembles a stem and provides structural support to the thallus.

**Thallus:** The thallus is the body or part of the seaweed above the holdfast. Nutrient uptake and gas exchange occurs through the thallus surface.

