



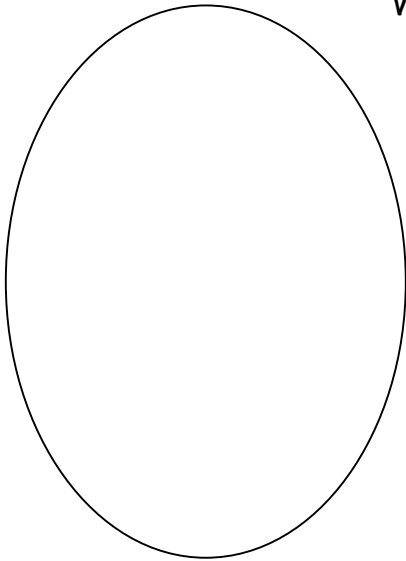
Unit 3- 00

Bridge Lab-Coral Critters

Station 1- Halimeda- Live Today; Sand Tomorrow

Draw Halimeda kanaloana and label the holdfast, axis, and calcified segments

Write down three things you learned about Halimeda kanaloana



- 1.
- 2.
- 3.

What do you still wonder about Halimeda?

Station 2- Coral ID

Look at the pictures of the coral on the computer. Read the descriptions of the coral. Match the name and descriptions of the coral to the picture. Write the coral and the main words that helped you to choose the name in the boxes below.

| | | | |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

Station 3- A Consequence of Global Warming-Ocean Acidification

Scientists are concerned that extra greenhouse gasses will concentrate in the ocean through rain, dry deposition (fallout from the sky), and runoff. These gasses react with water to form sulfuric, nitric, and carbonic acid. The ocean is normally more basic(pH above 7) than acid (pH below 7). How does coral react to acid?

| | | |
|---|---|--|
| <p>How does coral react to acid?</p> | <p>If acid is placed on coral then</p> <p>because</p> | <p><u>Materials and procedure</u></p> <p>Weak acid Strong acid Coral Eye dropper How are we going to measure the reaction?</p> |
| <p><u>Data</u></p> <p>Control</p> <p>Weak acid</p> <p>Strong acid</p> | <p><u>Analyze the Data</u></p> | <p><u>Conclusion</u></p> |

