**Background:** To observe animals of the deep sea, trawlers go out and take bottom sample and carried out census of life for 10 years . Animals that could survive the great pressure of the deep lived in cold, dark water with little food to eat. Adaptations of marine organisms: https://youtu.be/WrZEViYbkNc

**Vocabulary**

Photophore: a cup shaped light organ on some deep-

Lateral line: a row of sense organs on the side of a fish.

Appendage: body parts attached to the main body- fin, tails, legs,

Bioluminescence: in the production and emission of light by a living organism. It is a form of chemoluminescence.

**Procedure:**

1. Examine the cards with pictures and explanations of the deep sea fish.CHOOSE 5 ORGANISMS AND..(GO TO #2)

2. Describe the adaptation on the data sheet. Example: Mouth/ Feeding- points upward or oversized. You may not have an adaption for every box for every animal.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Adaptation | Viperfish | Hatchetfish | Snipe Eel | Eelpout | Gulper Eel | Tripod Fish | Lanternfish | Anglerfish |
| Mouth |  |  |  |  |  |  |  |  |
| Teeth |  |  |  |  |  |  |  |  |
| Size |  |  |  |  |  |  |  |  |
| Photophore |  |  |  |  |  |  |  |  |
| Fins |  |  |  |  |  |  |  |  |
| Tail |  |  |  |  |  |  |  |  |
| Coloration |  |  |  |  |  |  |  |  |
| Eyes |  |  |  |  |  |  |  |  |
| Lateral Line |  |  |  |  |  |  |  |  |
| Special Appendage |  |  |  |  |  |  |  |  |
| Behavior |  |  |  |  |  |  |  |  |

\*\*\*\*When you are finished get an ipad from the cart and go to the app “Creatures of the Light” and check out more on adaptations from the deep.\*\*\*\*