

## **Challenge Activities**



## **Food Glorious Food**

Page 1

Challenge: Explore animal shapes, habitats and special features.

| Marine<br>Organism     | Mouth<br>Shape | Body<br>Shape | Habitat | Special<br>Features | What does it eat? | Defence<br>Mechanism |
|------------------------|----------------|---------------|---------|---------------------|-------------------|----------------------|
| Parrotfish             |                |               |         |                     |                   |                      |
| Butterfly<br>Fish      |                |               |         |                     |                   |                      |
| Surgeon<br>Fish        |                |               |         |                     |                   |                      |
| Coral Cod              |                |               |         |                     |                   |                      |
| Blacktip<br>Reef Shark |                |               |         |                     |                   |                      |
| Stonefish              |                |               |         |                     |                   |                      |
| Seahorse               |                |               |         |                     |                   |                      |
| Lionfish               |                |               |         |                     |                   |                      |
| Stingray               |                |               |         |                     |                   |                      |
| Sea-snake              |                |               |         |                     |                   |                      |









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## **Food Glorious Food**

Page 2

Challenge: Explore animal shapes, habitats and special features.

The shape of the mouth, body and habitat where an organism lives can suggest what the organism feeds upon. Marine organisms also utilise a number of different defence mechanisms to prevent them from becoming food.
Use the Food Glorious Food Information Table (below) to assist you in completing the

table on the previous page.

| Mouth Shape                             | Body Shape  | Habitat   |
|---|---|---|
| Strong beak Scrape hard surfaces        | Fusiform Streamlined and torpedo shaped                 | Benthic Lives on bottom                                   |
| Tubular  Pick small food                | Dorso-ventrally flattened  Flattened from top to bottom | Reef associated<br>Midwater, living<br>close to the coral |
| Small Mouth Suck plankton or algae      | Laterally compressed  Flattened from side to side       | Pelagic<br>Living close to the<br>surface in open water   |
| Subterminal Mouth opens below the snout | Elongated<br>Long, cylindrical                          |   |
| Superior Mouth opens upwards            | Compact  Round bodied                                   |   |



