



I play this game after the marine reserves talk, which introduces the concept of food webs and the need to conserve whole ecosystems, not just individual species.

The page with all the animals on it can also be printed off for the children to do in class as a follow-up activity.

Minimum of 8 players

Use cards in ordered numbers to make sure the game will work

Laminated cards have been made up, with a string to put around the child's neck. Take along a bunch of precut strings. Some kids will need more than one piece.

The game is crazy at first, all kids running around and changing their minds and general chaos. This is how it should be! Give them a few minutes to get themselves into a knot, then stop them all and help them to do it methodically, starting with the sun and the others joining up one by one.

Then once they are all joined up, choose one child to become "extinct" by sitting down. All the others that feel their string being pulled need to sit down too. The effect will ricochet until most of the kids are sitting down. This explains why each animal is an important part of the foodweb.

1. The sun
2. Seaweed
3. Phytoplankton
4. Mussels
5. Paua
6. Kina
7. Snapper
8. Starfish
9. Zooplankton
10. Blenny
11. Mullet
12. Seal
13. Fin whale
14. Orca
15. Octopus

16. Moray eel
17. Manta ray
18. Barnacle
19. Hawkfish
20. Tern
21. Shark
22. Squid (eat mullet, eaten by albatross)
23. Yellow-eyed mullet (eat zooplankton, eaten by squid)
24. Albatross (eats squid)
25. Blue penguin (eats fish, eaten by shark)
26. Seahorse (eats zooplankton, no predators)
27. Limpets (eat seaweed, eaten by starfish and octopus)
28. Dolphin (eats squid, fish)
29. Crayfish
30. Tuna (eats small fish, eaten by sharks)



Marine food web. Try link up the pictures on your own first and then use this list to complete a New Zealand marine food web. In reality it is far more complex than this !

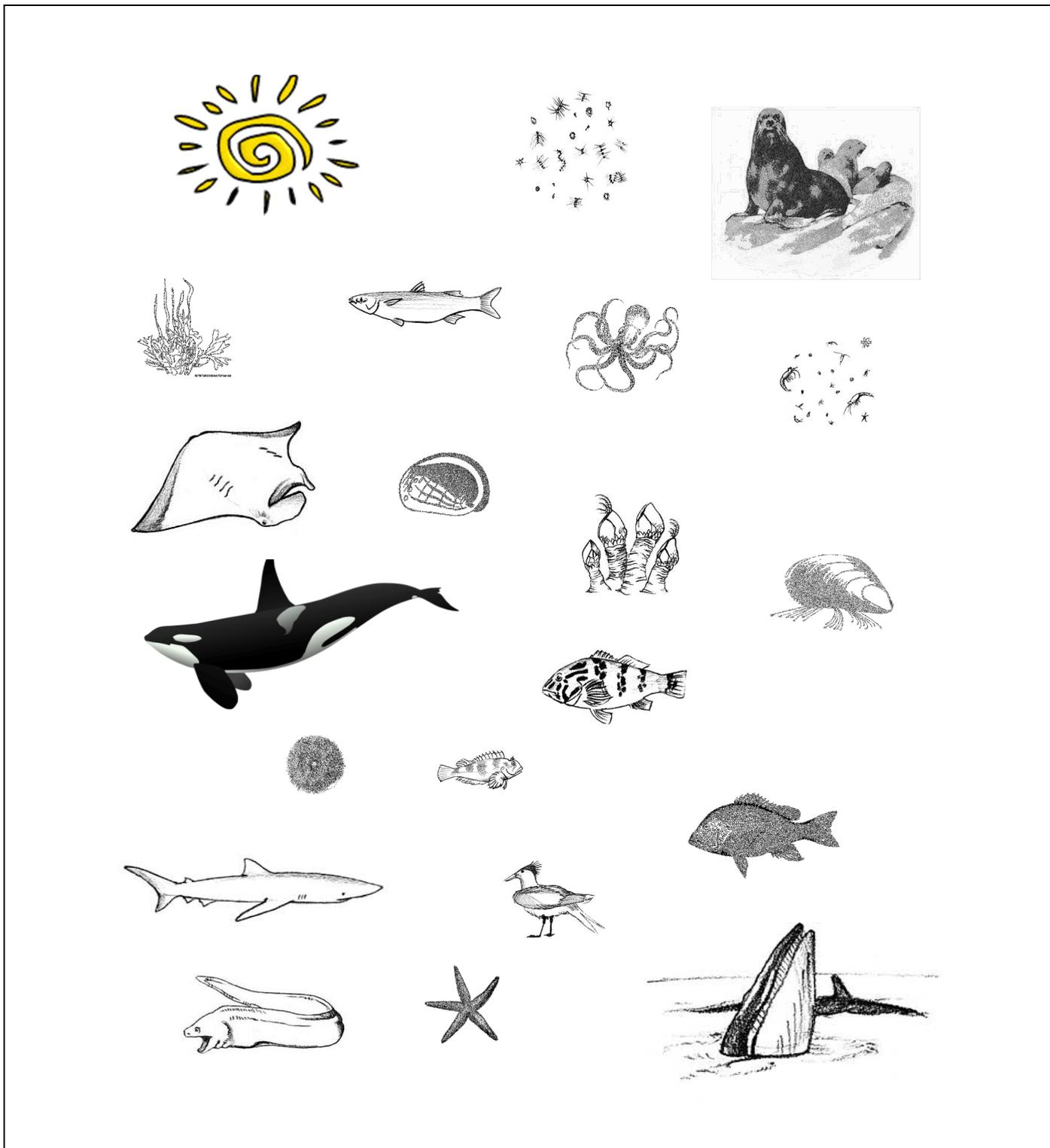
- The sun
- Seaweed – makes its own food from the sun
- Phytoplankton - makes its own food from the sun
- Mussel – eats phytoplankton
- Paua – eats seaweed
- Kina – eats seaweed
- Snapper – eats kina
- Starfish – eats mussels, paua
- Zooplankton – eats phytoplankton
- Blenny – eats zooplankton, seaweed
- Mullet – eats phytoplankton
- Seal – eats fish, zooplankton (krill)
- Fin whale – eats zooplankton (krill)
- Orca – eats fish, seals, baby whales
- Octopus – eats mussels, small fish
- Moral eel – eats octopus, small fish, kina
- Manta ray – eats zooplankton and small fish
- Barnacle – eats zooplankton
- Hawkfish – eats barnacles and blennies
- Tern – eats mullet
- Shark – eats fish

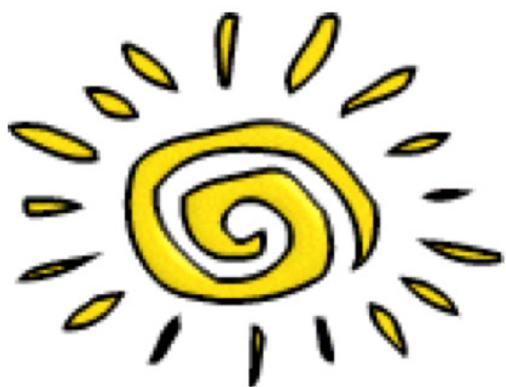




**Fish Forever**  
MARINE SANCTUARY • BAY OF ISLANDS  
*Apa ika ake, ake ake, ipipi*

### Link up who eats who to create a marine foodweb



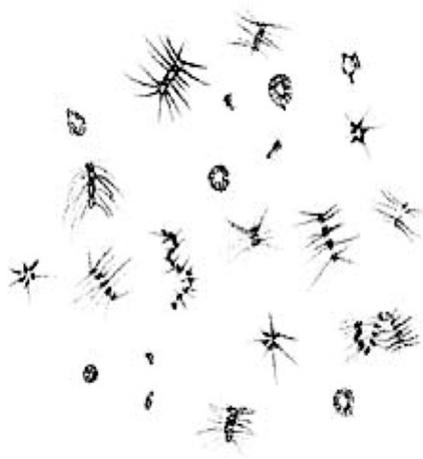


**1.The Sun**



**2.Seaweed**

Food: Sun's Energy



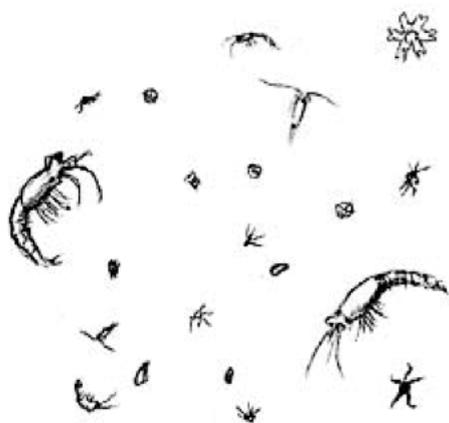
**3.Phytoplankton**

Food: Sun's Energy



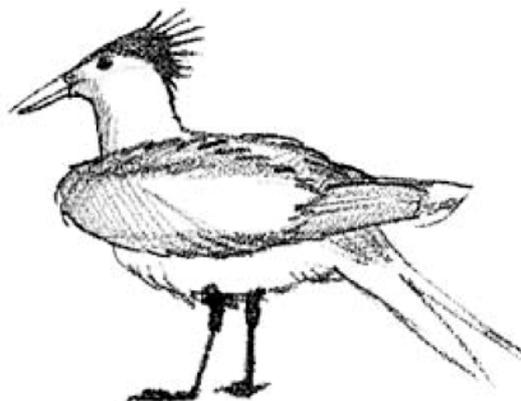
**18.Barnacle**

Food: Zooplankton



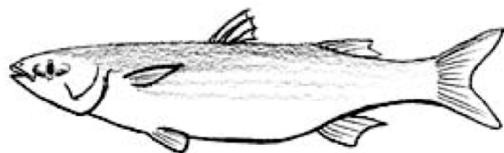
**9. Zooplankton  
(including krill)**

Food: Phytoplankton



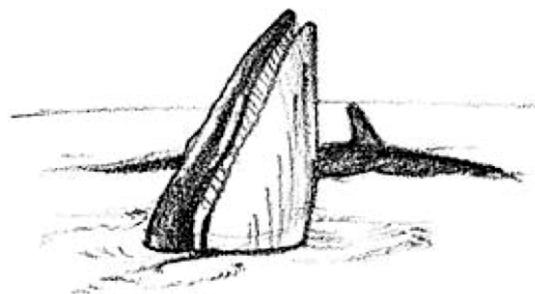
**20. Tern**

Food: Mullet



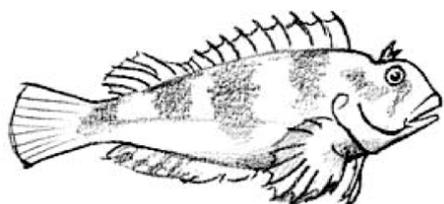
**11. Mullet**

Food: Phytoplankton



**13. Fin Whale**

Food: Zooplankton



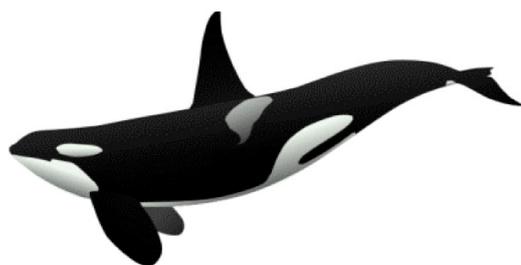
**10. Blenny**

Food: Zooplankton, seaweed



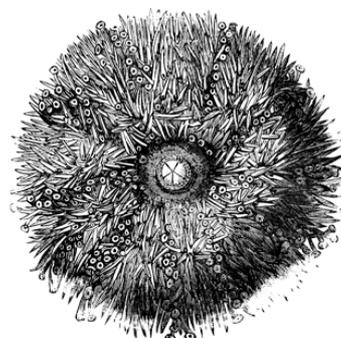
**21. Shark**

Food: Fish



**14. Killer Whale**

Food: Fish, Seals, Small Whales



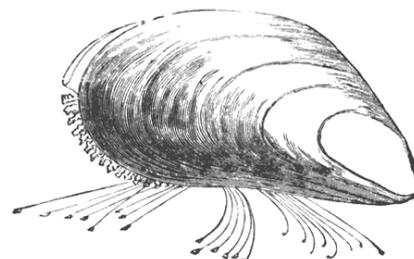
**6. Kina/Sea Urchin**

Food: Seaweed



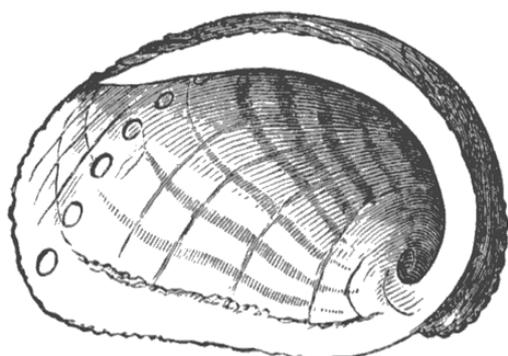
### 12. Fur Seal

Food: Fish, Zooplankton



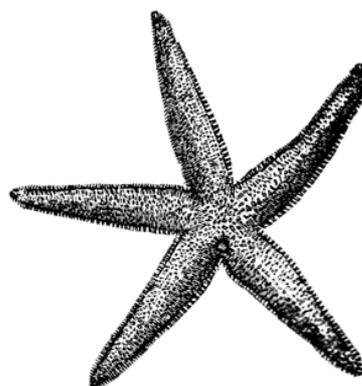
### 4. Mussel

Food: Phytoplankton



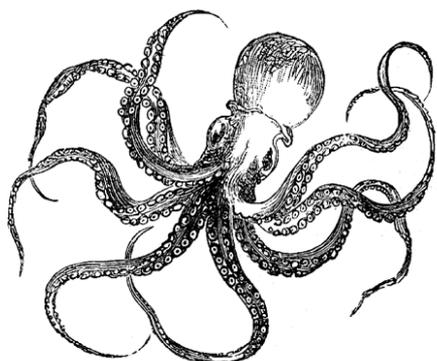
### 5. Paua/Abalone

Food: Seaweed



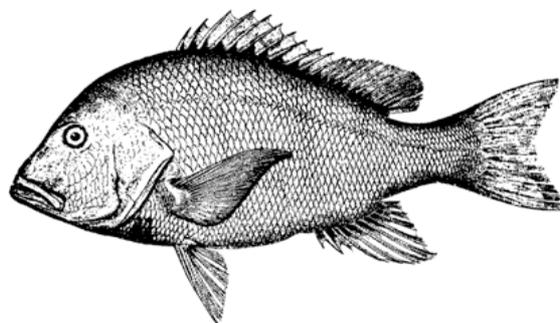
### 8. Starfish

Food: Mussels, Paua



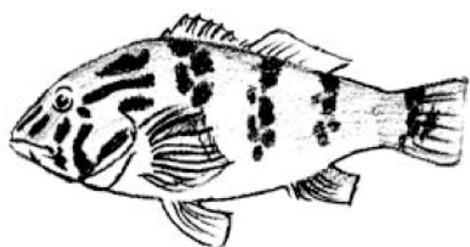
**15.Octopus**

Food: Mussels, Small Fish



**7.Snapper**

Food: Kina



**19.Hawkfish**

Food: Barnacle, Blenny