

A

- Remove one shark block
- Add one mahi-mahi block



Note: If you are removing the last shark block you just triggered a TROPHIC CASCADE!

- Remove 3 blocks of different trophic levels

B

- Remove one shark block
- Add one mahi-mahi block



Note: If you are removing the last shark block you just triggered a TROPHIC CASCADE!

- Remove 3 blocks of different trophic levels

C

- Remove one shark block
- Add one mahi-mahi block



Note: If you are removing the last shark block you just triggered a TROPHIC CASCADE!

- Remove 3 blocks of different trophic levels

D

- Remove one mahi-mahi block
- Add one jumbo flying squid block

D

- Remove one mahi-mahi block
- Add one jumbo flying squid block

F

- Remove one jumbo flying squid block
- Add one mackerel block

G

- Remove one mackerel block
- Remove one jumbo flying squid block

H

- Remove two anchovy blocks
- Remove one mackerel block
- Remove one jumbo squid block
- Remove one mahi-mahi block

I

- Remove two anchovy blocks
- Remove one mackerel block
- Remove one jumbo squid block
- Remove one mahi-mahi block

J

- Remove 50% of remaining anchovy blocks
- Remove one mackerel block
- Remove one jumbo squid block
- Remove one mahi-mahi block

K

- Remove one anchovy block
- Remove one mackerel block
- Remove one squid block
- Add one zooplankton block
- Remove one phytoplankton block

L

- Remove one zooplankton block
- Remove one anchovy block

M

- Remove one zooplankton block
- Add one phytoplankton block

N

- Remove one phytoplankton block
- Remove one zooplankton block

O

- Add one phytoplankton block
- Remove one zooplankton block

P

- Add one phytoplankton block
- Remove one zooplankton block

Q

- Add one phytoplankton block
- Add one zooplankton block

R

- Remove one phytoplankton block
- Remove one zooplankton block
- Remove one anchovy block

Food Chain Assessment

Describe what is happening in the food chain right now.

Invasive Species

What would happen if someone releases exotic ornamental fishes into the ocean ecosystem resulting in an invasive population?

Environmental Assessment

Considering all the events that have affected our trophic chain up to now, if you were an ecologist, what policies would you implement to manage this ecosystem?

Invasive Species

The devastating Tsunami that struck Japan in 2011 produced a large amount of marine debris. The debris washing ashore in the east Pacific could introduce invasive species. What would happen if exotic species hitchhiked across the ocean?