

Marine Food Webs

Welcome to the
Milstein Hall of
Ocean Life!

Visit two ecosystem
exhibits on the upper
level of the hall.

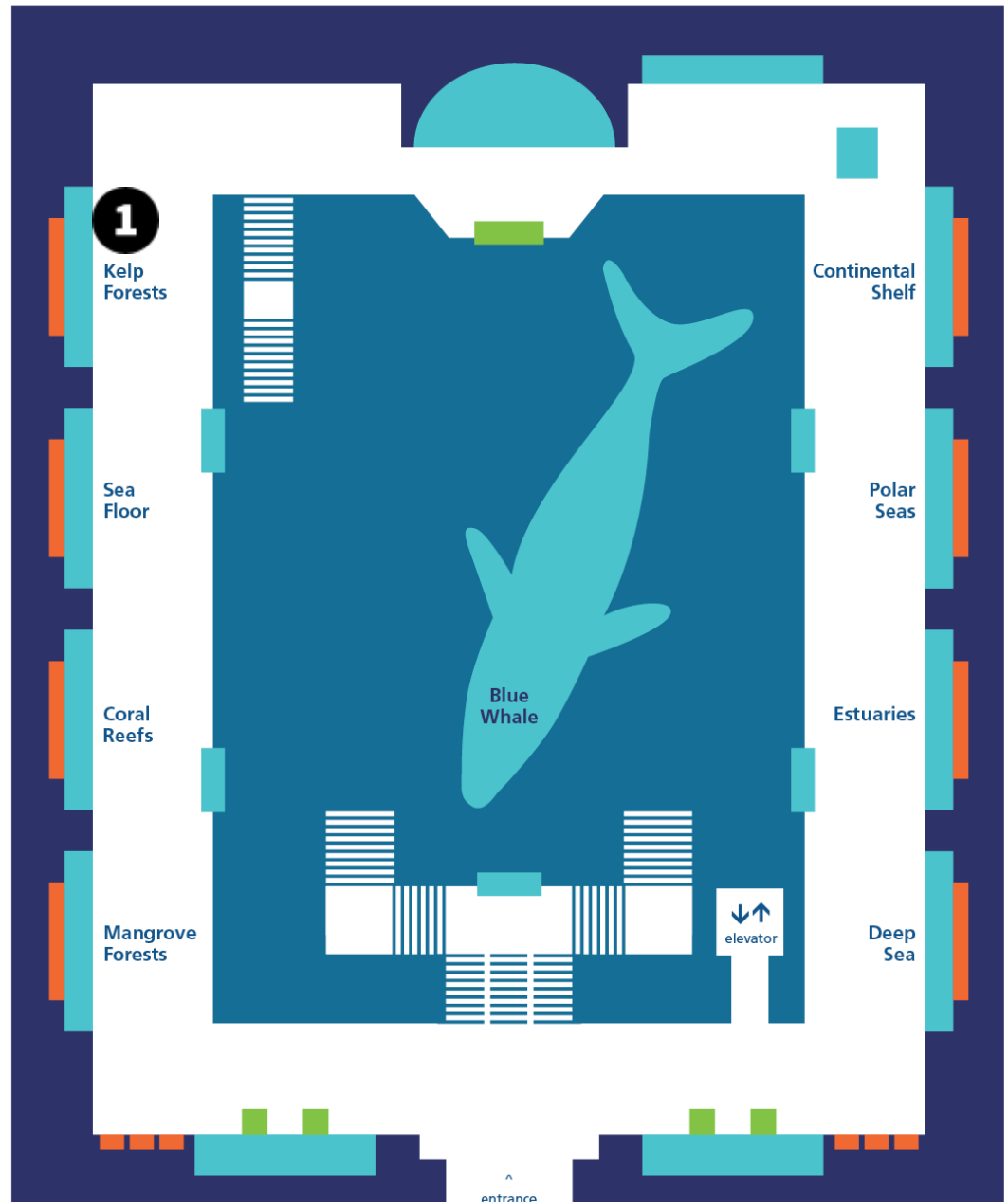
At each exhibit,
explore how energy is
transferred between
marine organisms.

STOP 1

Kelp Forests

STOP 2

Choose Your Own Ecosystem



The upper level of the hall features eight **marine ecosystems**.

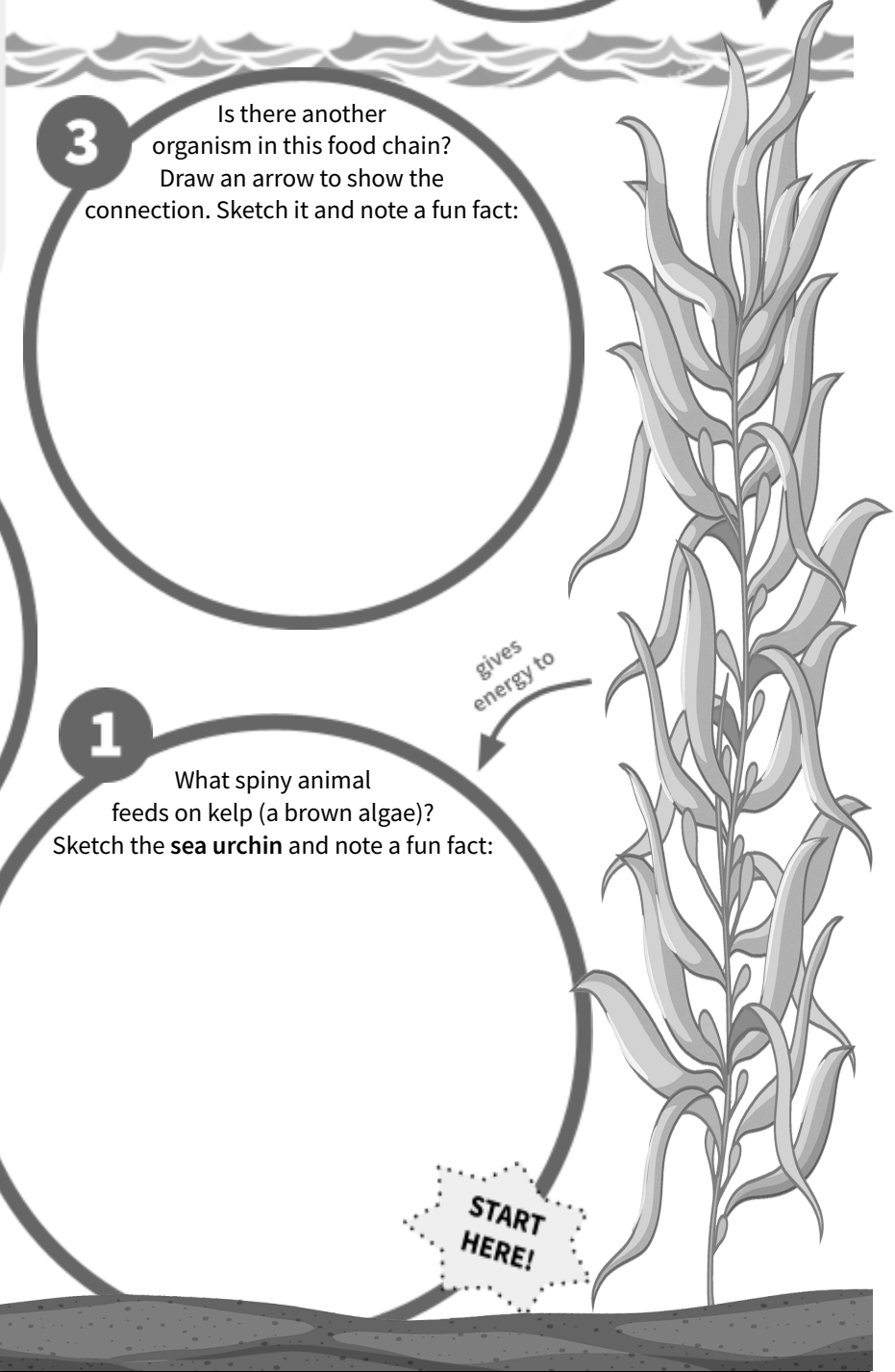
And the big empty space in the middle of the hall represents
another marine ecosystem: the **open ocean!**

Marine Food Webs | PART 1: Kelp Forests

Go to the **Kelp Forests** ecosystem exhibit on the upper level of the hall. On this worksheet, follow the numbered steps (**start with #1** at the bottom) to discover part of the kelp's food web.

4

What gives energy to the kelp?
Draw the Sun:



3

Is there another organism in this food chain?
Draw an arrow to show the connection. Sketch it and note a fun fact:

2

What organisms feed on the sea urchin? Pick one and sketch it. Note its name and a fun fact:

1

What spiny animal feeds on kelp (a brown algae)?
Sketch the **sea urchin** and note a fun fact:

gives energy to

gives energy to

START HERE!

5

Based on what you explored:
Why should we protect kelp forests?

Marine Food Webs | PART 2: Choose Your Own Ecosystem

1. Choose another ecosystem exhibit to explore. In the exhibit, find an example of the organism listed. Sketch it in circle #1.
 - Continental Shelf..... 📎 anemones
 - Coral Reefs..... 📎 starfish
 - Deep Sea..... 📎 shrimp
 - Estuaries..... 📎 fish
 - Mangrove Forests..... 📎 shellfish
 - Sea Floor..... 📎 tubeworm
2. Pick three other organisms in this ecosystem that could be part of a food chain or web. Sketch them in the other three circles. Note names and fun facts.
3. Draw arrows to show how energy (if any) could be transferred between the four organisms.

START HERE!

1

Based on what you explored:
What is a threat to this ecosystem?
