

Ocean Guardian Dive Club

Greater Farallones National Marine Sanctuary Diver Lesson Activity B Handout

Name: _____

Date: _____

Kelp Forest Ecosystem Food Web

The food web in a kelp forest ecosystem keeps it healthy. Cut out the marine life forms on page four (4) and glue them into the kelp forest ecosystem below to create a kelp forest food web. Draw arrows to show which marine life form a creature eats.

Kelp Forest Ecosystem Food Web Questions

Answer each question using a complete sentence(s).

What is a kelp forest? (A kelp forest is _____.)

What kind of marine life live in a kelp forest ecosystem? (The marine life that live in a kelp forest are _____.)

What are the components of a healthy kelp forest ecosystem? Explain the food web of the kelp forest by describing who eats who. (The components of a healthy kelp forest ecosystem are _____. The _____ eats the _____ and the _____ eats the _____.)

Why is the sea star known as a keystone species? Why is this important to the health of a kelp forest ecosystem (food web)? (The sea star is known as a keystone species because _____. The sea star is important to the health of a kelp forest ecosystem because _____.)

If sea stars get sick and die, what changes in the food web? How does the loss of sea stars impact a kelp forest ecosystem? (If a sea star dies then _____ happens to the food web. This impacts the kelp forest ecosystem because _____.)

Name two ways that humans can positively impact kelp forest ecosystems. (Humans can positively impact kelp forest ecosystems by _____ and _____.)

Marine Life Cards

Cut out each marine life form and glue it to page one (1) to make a kelp forest food web.

