

# Biology Toolkit: Indicator 1.2.5

Student Handout: Biology: Indicator 1.2.5

## Goal 1.0 Skills And Processes

Expectation 1.2 The student will pose scientific questions and suggest investigative approaches to provide answers to questions.

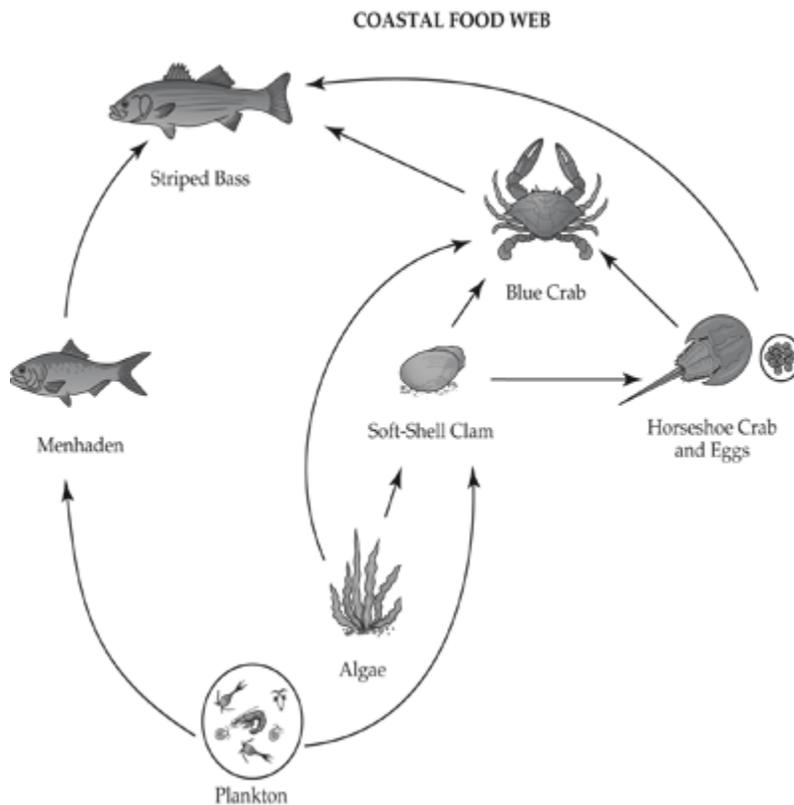
Indicator 1.2.5 The student will select appropriate instruments and materials to conduct an investigation.

Public Release - Selected Response Item - Released in 2009

Biology Indicator 1.2.5

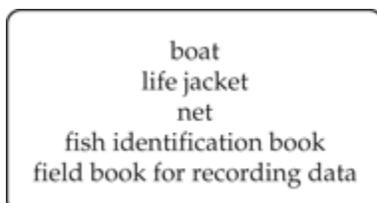
Use the information and the food web below to answer the following item.

Shallow coastal waters provide an essential habitat to a variety of plants and animals. A small part of a coastal food web is shown below.



Students want to compare fish diversity in two different areas of the coast. Which of these sets of items would be most useful for the students to gather for this study?

A.



B.

microscope  
petri dish  
dissection equipment  
test tube rack  
field book for recording data

C.

boat  
eye goggles  
net  
petri dish  
video camera

D.

boat  
life jacket  
petri dish  
dissection equipment  
microscope

Correct Answer

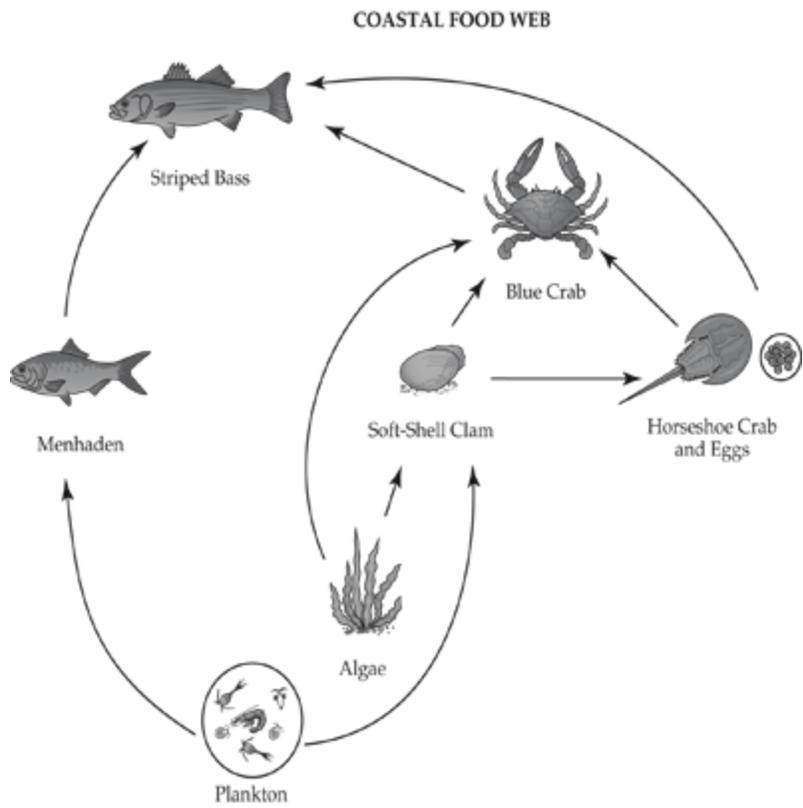
A.

boat  
life jacket  
net  
fish identification book  
field book for recording data

Item

Use the information and the food web below to answer the following item.

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Students want to compare fish diversity in two different areas of the coast. Which of these sets of items would be most useful for the students to gather for this study?

A.

- boat
- life jacket
- net
- fish identification book
- field book for recording data

B.

- microscope
- petri dish
- dissection equipment
- test tube rack
- field book for recording data

C.

boat  
eye goggles  
net  
petri dish  
video camera

D.

boat  
life jacket  
petri dish  
dissection equipment  
microscope