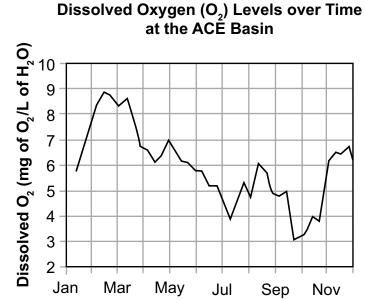
OPEN-ENDED ITEM

17. Use the information below to answer the question.



Month

Dissolved Oxygen (O₂) Requirements for Some Organisms

•	
Organism	Minimum Dissolved O ₂ Requirement (mg/L)
bass	5
hake	4
crab	3
shark	2
halibut	1

Scientists measured dissolved oxygen levels at the Ashepoo, Combahee, and Edisto (ACE) Basin National Estuarine Research Reserve.

Part A: Based on the data shown in the graph and the data table, predict which organism(s) would likely survive year-round in the ACE Basin.

Part B: Describe a possible reason for the changes in dissolved oxygen levels observed in the ACE Basin throughout the year.

AFTER YOU HAVE CHECKED YOUR WORK, CLOSE YOUR ANSWER BOOKLET AND TEST BOOKLET SO YOUR TEACHER WILL KNOW YOU ARE FINISHED.

STOP