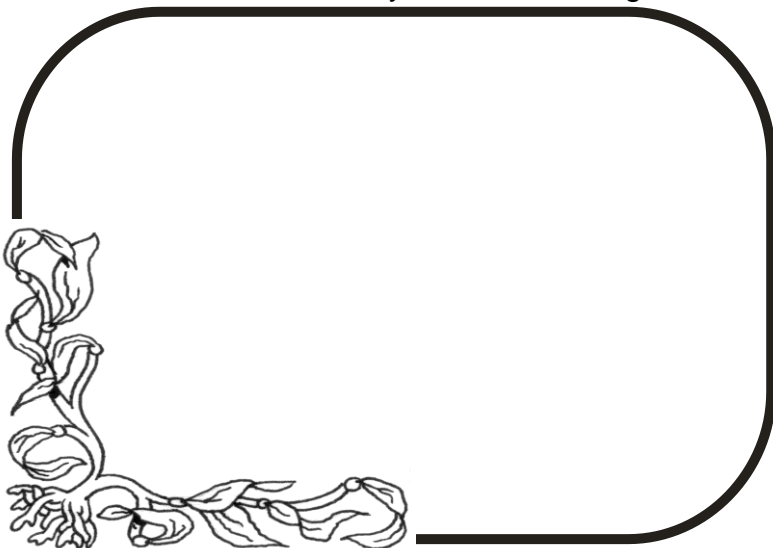


OCEAN RANGER WORKSHEET: KELP FOREST HABITAT



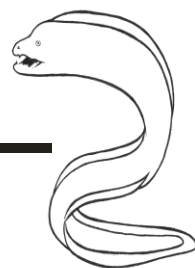
ANIMAL OBSERVATIONS

Draw the animal you are observing



NOTES...

What special adaptations
does your animal have?



ETHOGRAM:

For each minute record the behavior of your observed animal (example: swimming, eating, resting, interacting with other animals). Do you see any patterns? Scientists use ethograms to investigate animal behavior.

MINUTE 1:

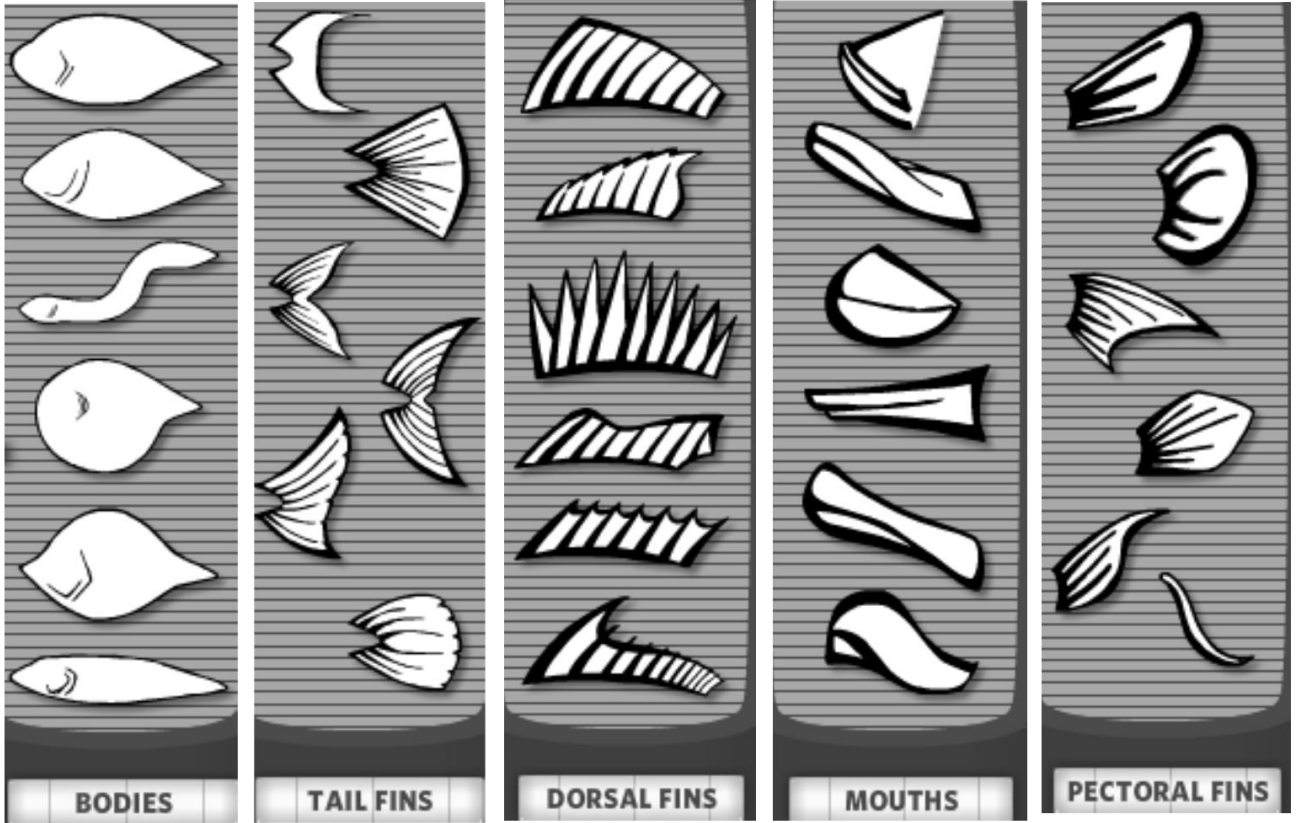
MINUTE 2:

MINUTE 3:

MINUTE 4:

MINUTE 5:

OCEAN RANGER WORKSHEET: KELP FOREST HABITAT




Draw your own fish using the fish parts above as a guide. What adaptations does your fish have to help it find food or avoid predators?



OCEAN RANGER WORKSHEET: KELP FOREST HABITAT

The data chart below shows the average growth of kelp in three different kelp forests in the Pacific Ocean and four different measurements of water quality in those areas.



	KELP A	KELP B	KELP C
GROWTH OF KELP (PER DAY)	16 inches	12 inches	18 inches
SALINITY OF WATER	34.0 ppt	29.2 ppt	32.0 ppt
PH OF WATER	8.2	8.0	8.3
TRANSPARENCY OF WATER <small>*Measured with secchi disk</small>	15-20 meters	10-15 meters	15-20 meters
TEMPERATURE OF WATER	55°F	60°F	50°F

Use information from the chart above to determine how environmental factors impact the growth of kelp.
