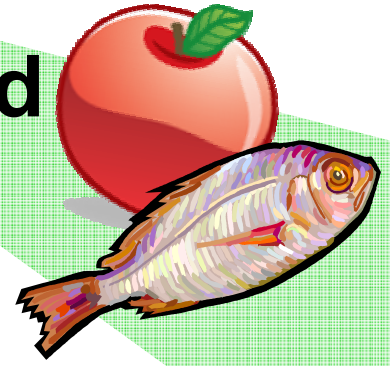


Take-Apart Squid



QUESTION: What is the structure of a squid?

MATERIALS:

metric ruler
paper towel
paper plate
scissors

squid, preserved or fresh-frozen
Squid Parts diagram
toothpick

PROCEDURE:

1. Describe your squid. Record your descriptions in the Data table A.
2. Measure your squid. Record your measurement in the Data table B.
3. Use the labeled diagram provided to find the following structures on your squid. Record the function of each structure in Data table C.

arm	ink sac
beak	mantle
eye	pen
fin	siphon
gills	tentacle
4. Use the squid's pen and its ink to write your name in the box.

DATA: See next page

QUESTIONS:

1. What characteristics identify the squid as a mollusk?
2. What characteristics does the squid have in common with the octopus?
3. To what class of mollusk do squid belong?
4. What special designs do squid have that enable them to live successfully?

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DATA:

Data Table A - Description

FEATURE	DESCRIPTION
Color	
Shape	

Data Table B - Measurement

FEATURE	MEASUREMENT
Total Length (1.0 mm)	
Length of tentacle	
# of arms	
Length of arm (1.0 mm)	
Length of pen (1.0 mm)	

Data Table C - Structure and Function

STRUCTURE	FUNCTION
Arm	
Beak	
Eye	
Fin	
Gills	
Ink sac	
Mantle	
Pen	
Siphon	
Tentacle	

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