

Name: _____

Date: _____



CREATE A CLAM WORKSHOP



Welcome to the Create a Clam Workshop where creating high quality clams is our speciality.

Today you will need:

- Pencil Crayons
- Scissors
- Glue
- Shell Handout
- Innards Handout

Instructions:

1. Collect all necessary materials (listed above)
2. Turn to page 703 in your textbook
3. Using the diagram on page 703 as reference, colour code the clam innards.
4. Cut out the coloured clam innards and shells.
5. Arrange the innards on the bottom shell and make sure you have them all in their correct position. (Check with the teacher if you are unsure)
6. Glue down the innards on the inside of the bottom shell.
7. Create a Legend, telling me which clam part was which colour. This can be written on the inside of the top shell.
8. Label on your clam: Coelom, Anus, Excurrent Siphon, and Incurrent Siphon.
9. Staple the top shell to the bottom shell.
10. Voila! You have created your very first clam!!

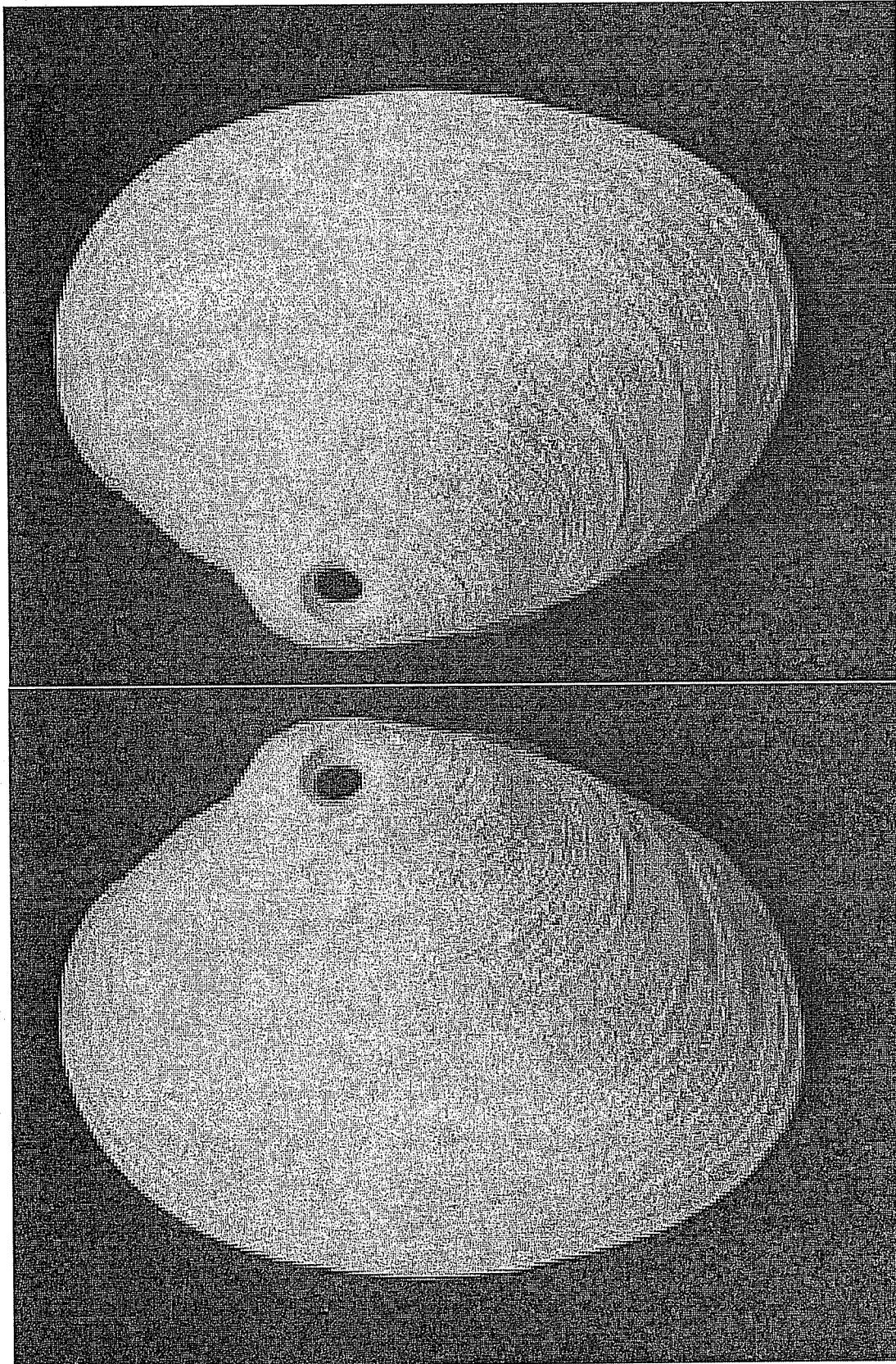
When finished your clam please answer the following questions using pages 701-704 in your textbook:

1. Your clam is a member of the phylum _____ and class _____.
2. Mollusks are _____ animals that usually have an _____ or _____ shell.

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3. Many organisms that belong to the molluscs share similar _____ . They have a free swimming larval stage called a _____ .
4. Most mollusks share a single body plan. Name the four parts: _____ , _____ , _____ , and _____ .
5. What is the purpose of tentacles? Which of the four parts makes up the tentacles?
6. What is a radula used for? Which mollusks have this structure? Does your clam?
7. How does your clam eat?
8. How does your clam breath?
9. Does your clam have an open or closed circulatory system? If your clam wanted to become a great track star for the Canadian Olympic team, could he do that? Why or why not?
10. What is the function of the nephridia?
11. How does an octopus move?
12. How does your clam reproduce? Tell me all the steps involved.



Clam Innards.

