



Oyster Anatomy Activity

The Eastern Oyster | *Crassostrea virginica*



While watching our Oyster Anatomy video, please follow the instructions below. Feel free to print this worksheet in color or B&W. We recommend NOT printing double sided.

External Oyster Anatomy

External Observations

What do you see, smell, feel, hear? (Let's hold off on tasting.) Make sure you discuss things such as colors, texture, shapes, sizes, live vs. dead oysters, etc. Be specific and FILL UP THIS BOX!

External Sketch

Now that you have taken a close look at your oyster, it's time to sketch it. Make sure you sketch both sides of your oyster. Use shading and labels.

Side 1

Side 2



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Internal Oyster Anatomy

Internal - Observations

- What do you feel? See? Smell? (Let's hold off on tasting.)
- Discuss things such as colors, texture, shapes, sizes, etc.
- Describe the body of the oyster. Can you see or feel bones? Is there a head? Do you see blood? Be specific and FILL UP THIS BOX!

Internal - Sketch

Eastern Oysters can be slightly different sizes, shapes and colors. Draw your sketch based on your real oyster (not the Oyster Anatomy Diagram).

Use the diagram to help you label your sketch.

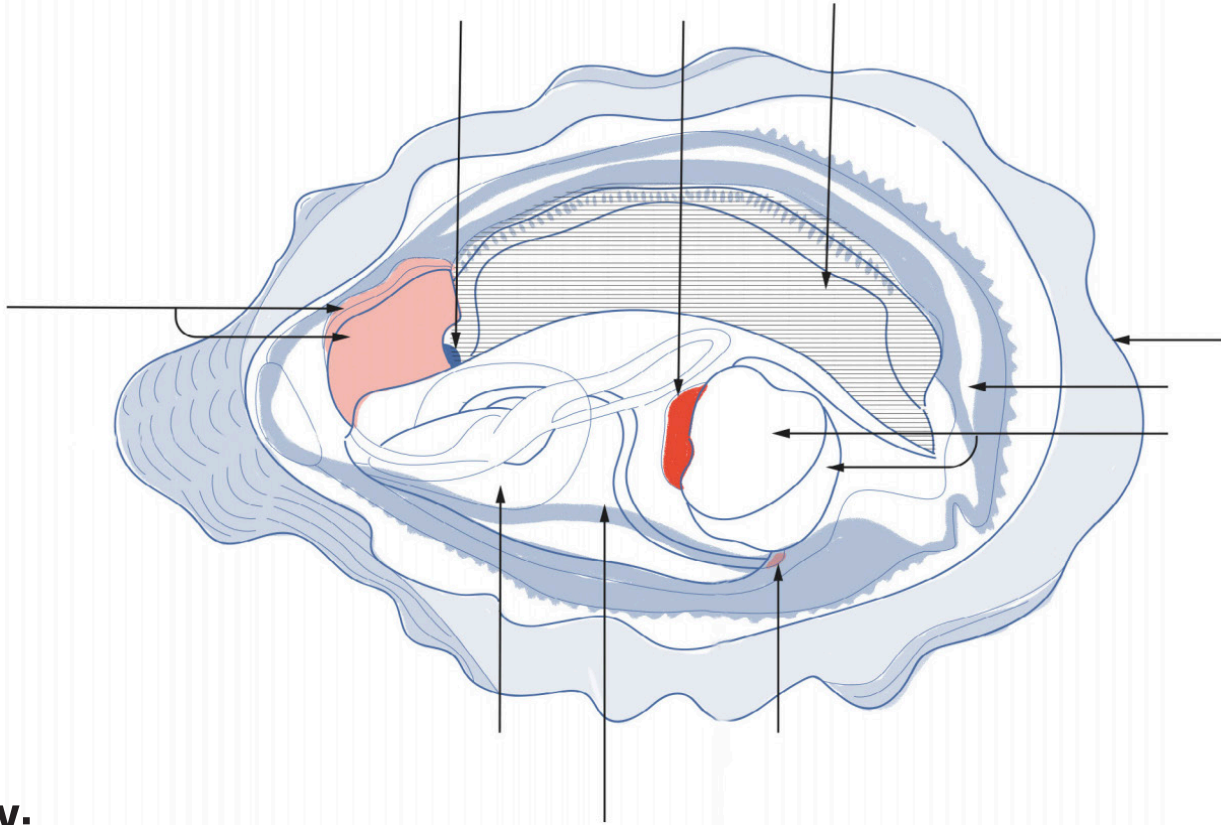


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While watching our Oyster Anatomy video, please label the diagram and fill out notes in the key below. Feel free to print this worksheet in color or B&W. We recommend NOT printing double sided.



KEY:

Mantel: _____

Gills: _____

Palps: _____

Heart: _____

Adductor muscle: _____

Stomach: _____

Intestine: _____

Anus: _____

Shell: _____

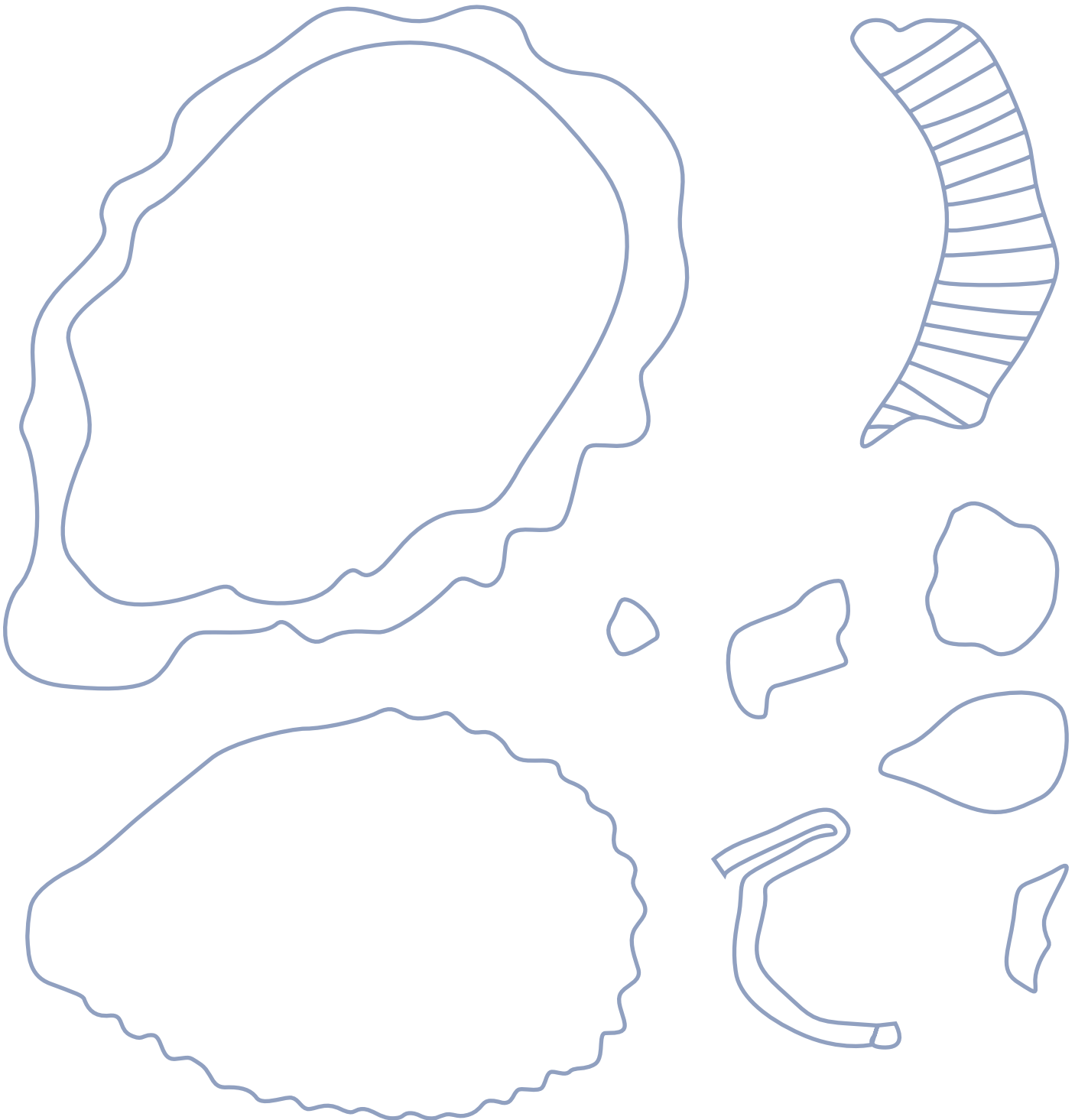
Cerebral Ganglion: _____



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Now that you know some oyster anatomy, color in the different parts of an oyster. When you're done, cut them out and try to arrange them in the correct order. If you have tape or glue feel free to stick them together when you're done. Do your best, it's a tricky puzzle!

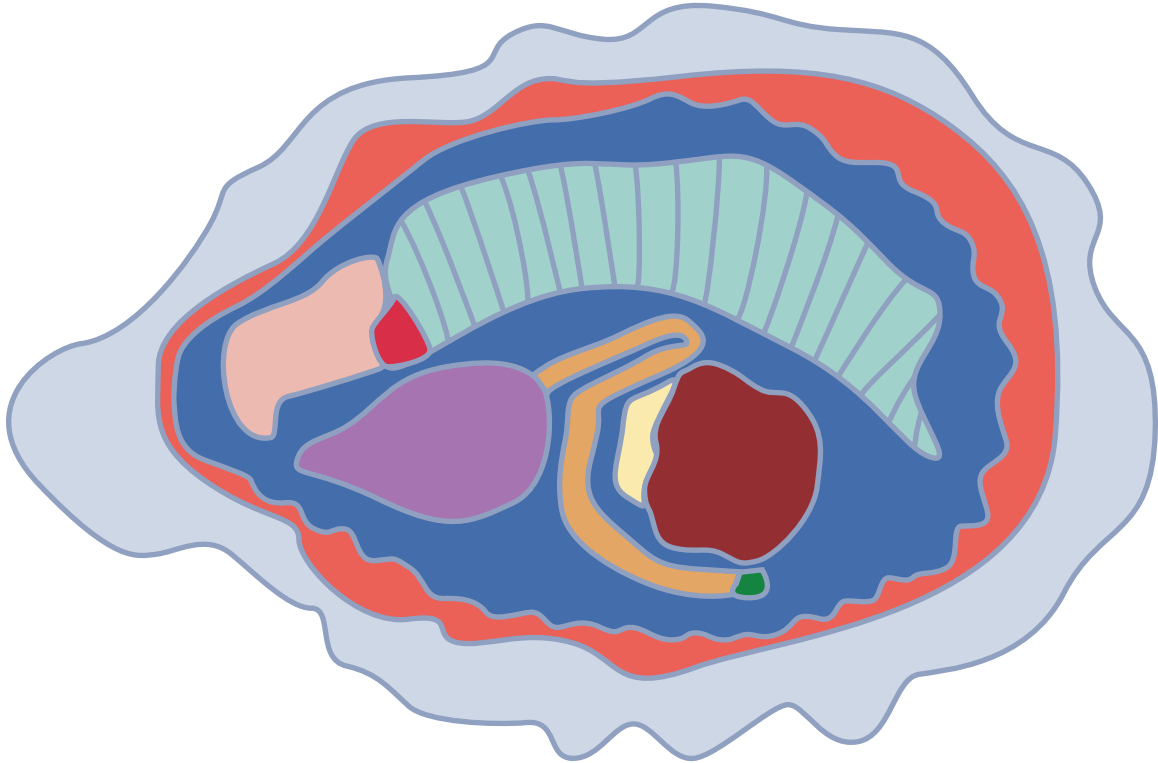




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Great job everyone, this is how mine came out! How did yours come out? With your parent or gaurdian's permission you can show us by tagging @billionoyster on social media!



As part of our work with Pace University and the National Science Foundation we are asking the BOP community to share the survey link below with any NYC middle and high school students. The survey is voluntary, confidential, and asks for parental consent.



Please share the following link with your network bit.ly/bopstudy
Student feedback will help us improve how we promote student interest in STEM activities and careers and your help is greatly appreciated!

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