

# GETTING STARTED WITH eMind FISH

## How to Begin

Most text fields can be narrated. If you move over some text and see the narration cursor click the mouse, and the browser will read the text.



Click the Lamprey icon to begin exploring the first fish in the recommended sequence

Click these icons to begin exploring other fish

Click here to compare the major systems of the three fishes

Click here to begin the fish MiniLabs

Click here to navigate through the program

Click here to set preferences

Click here to exit the lesson



### The Lamprey

The External, Head, and Internal views are explored.



### The Spiny Dogfish

A look at the External, Head, and Internal views.



### The Yellow Perch

Examine the External, Head, and Internal views.



### Fish Comparisons

Compare all major systems of the three fishes.



### Fish MiniLabs

Investigate respiration, circulation and dissolved oxygen.

## Completing the Guided Dissection

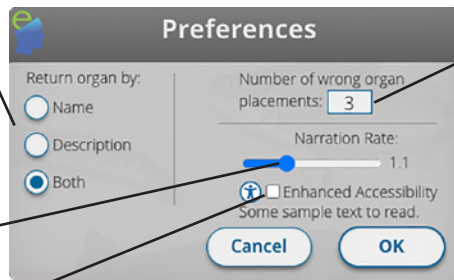
As you complete each view of the three fishes, *eMind Fish* enables you to review topics and test your knowledge with the system quizzes.

1. Click the **External Lamprey** button on the main screen.
2. Complete the module by clicking the specified parts of the fish. When you finish, the program gives you the option to continue or review.
3. If you are ready for the External Lamprey Quiz, click **Continue**, or click a fish part on the screen to review its function.
4. Click **Continue** and complete the quiz as directed by the software.
5. Click **Repeat** to take the quiz over, or click **OK** and then **Next** to continue to another module in the dissection. Some modules ask you to click specified parts of the fish, while others ask you to drag specified organs to and from their proper locations in the fish's body.
6. When you are done with the three screens of each animal, *eMind Fish* gives you the option of completing the comprehensive Fish Test or reviewing other modules before continuing into the test.

## Setting Preferences

Press the Preference button on the Home screen to display the Preferences dialog box.

Click a button to be quizzed by organ names, their descriptions, or both

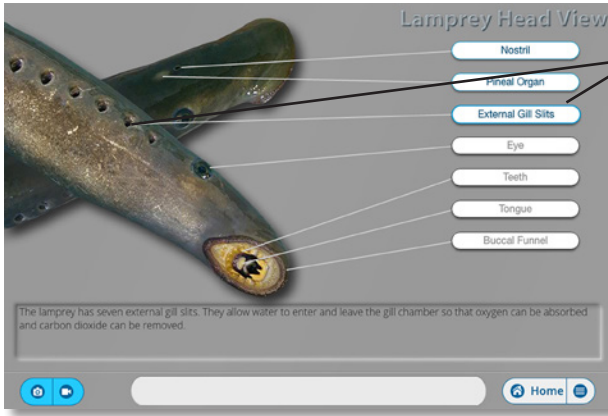


Sets the number of incorrect placements of organs accepted during a quiz

Sets the speaking rate when text is read.

Enable roll-over speaking of images and other accessibility enhancements.

# D I S S E C T I N G T H E F I S H

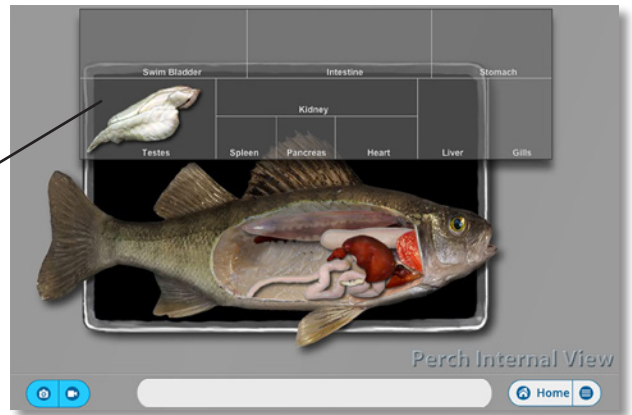


Click a part or its label to view more information

## Examining the Exterior Lamprey External, Lamprey Head, Dogfish External, Dogfish Head, Perch External, and Perch Head

## Internal Features Lamprey, Dogfish, and Perch

Drag each organ to the correct location on this dissection tray.



## Comparing Fish Systems Phylum, Outer Covering, Digestive, Respiratory, Reproductive, Excretory, Nervous, and Skeletal Systems

System	Lamprey	Dogfish	Perch
Classification			
Outer Covering			
Digestive System			
Respiratory System			
Reproductive System			
Excretory System			
Nervous System			
Skeletal System			

Click on the system here

Compare the features of the selected system of the four invertebrates

## Using the Media Window

Look for the media icons in the lower corner of each dissection screen to flash. Click any flashing icon to see a media window that includes pictures or movies of the indicated fish part.

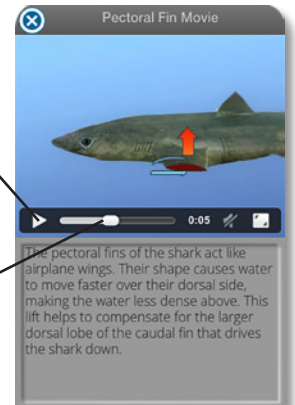


Click here to view a picture

Click here to view a movie

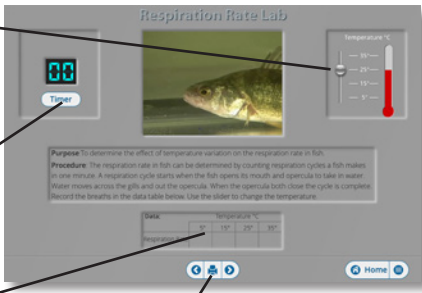
Click here to start or stop a movie

Drag this slider to advance or rewind a movie



# DOING THE MINILABS

## Gathering Data

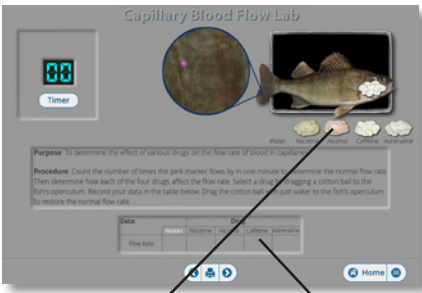


**Drag this slider to set the temperature of the fish's environment**

**Click here to start and stop the timer**

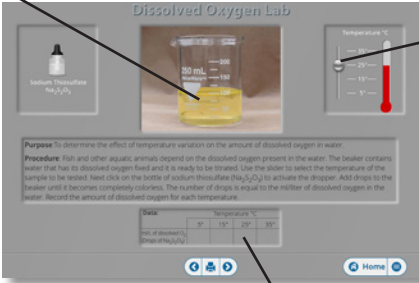
**Type your findings in these fields**

**Use these buttons to print the current MiniLab screen or move to the next and previous screens**



**Drag the cotton containing different drugs to the fish's head**

**Type your findings in these fields**

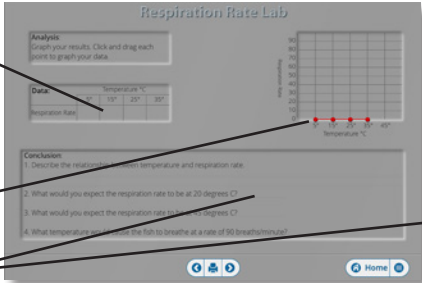


**Click the eye dropper and then click here**

**Drag this slider to set the temperature of the water**

**Type your findings in these fields**

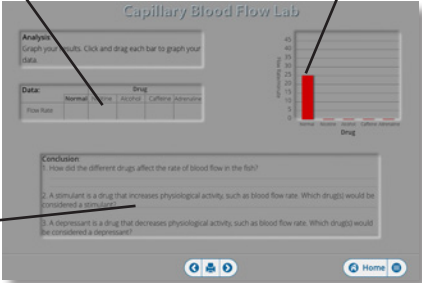
## Drawing Conclusions



**The data you gathered on the previous screen appears here**

**Drag these sliders to graph the correct data values**

**Complete your analysis by answering these questions**



**The data you gathered on the previous screen appears here**

**Drag these bars to graph the correct data values**