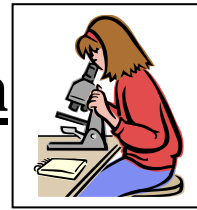


# Merely Plankton

## Pre-class Activity



Soon you will be taking the Merely Plankton Class at Driftwood Education Center. This is a great class because you get to learn all about plankton and why it is important.

**Directions:** Below is a Word Search Game. Words run horizontally, vertically, diagonally, and even backwards. When you find the words, try your best to use these words to answer questions below!

Z	A	O	D	T	I	P	T	N	C	L	P	A	W
O	I	T	E	T	U	O	N	E	A	A	O	O	A
O	L	E	N	Z	N	G	E	O	M	M	D	N	T
C	P	C	F	O	O	B	R	D	K	I	R	C	E
O	X	Y	G	E	N	O	R	G	W	N	I	M	R
O	A	O	C	O	Y	O	U	R	M	A	F	W	S
R	I	P	L	A	N	T	C	R	F	I	T	F	O
I	R	O	O	M	I	C	R	O	S	C	O	P	E
Y	E	A	I	O	T	P	L	A	N	K	T	O	N
E	L	P	A	E	P	F	E	O	I	I	O	A	Y
E	R	H	T	P	O	T	O	A	F	S	M	T	C
C	T	Y	C	O	W	O	W	F	C	Z	W	R	B
O	O	T	B	E	W	D	O	O	F	O	O	P	E
N	E	O	T	O	A	T	O	E	I	F	F	T	E

PHYTO  
ANIMAL  
FOOD WEB  
OXYGEN  
MICROSCOPE  
CURRENT  
WATER  
PLANT  
DRIFT  
PLANKTON  
ZOO

What is plankton? .....

.....

Where can you find plankton? .....

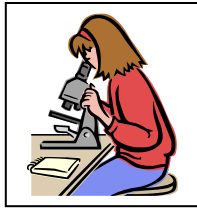
What are the two major groups of plankton? .....

Why is plankton important? .....

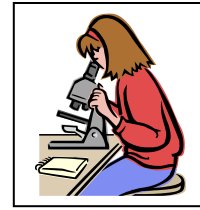
What do you think you will do in the Merely Plankton Class? .....

.....

.....



# Merely Plankton Post-class Activity



**Directions:** You are now a scientist who has successfully examined plankton from the Frederica River!

Question 1: What is plankton? .....

Question 2: What is the difference between the diet of phytoplankton and zooplankton? .....

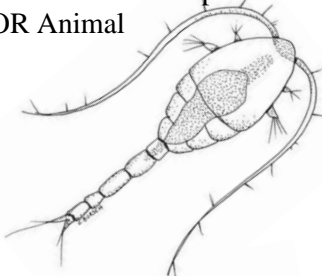
Question 3: What substance does plankton give off that allows us to breath? .....

## Plankton Match-up Game

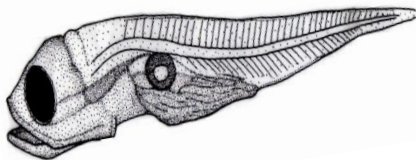
- 1) Match the younger plankton stage to the adult stage of each organism.
- 2) Circle whether the organism's lifestyle would be Meroplankton or Holoplankton.
- 3) Circle whether the organism is plant-like or animal-like.

### Plankton/ Juvenile Stage

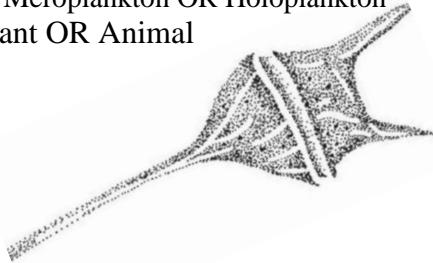
1. Meroplankton OR Holoplankton  
Plant OR Animal



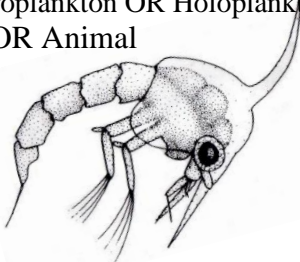
2. Meroplankton OR Holoplankton  
Plant OR Animal



3. Meroplankton OR Holoplankton  
Plant OR Animal



4. Meroplankton OR Holoplankton  
Plant OR Animal



### Adult Stage

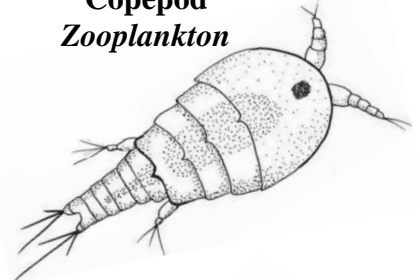
**Fish**  
**Nekton**



**Crab**  
**Benthos**



**Copepod**  
**Zooplankton**



**Dinoflagellate**  
**Phytoplankton**

