

Aquatic Science Activity 1 – Acceptable Plants

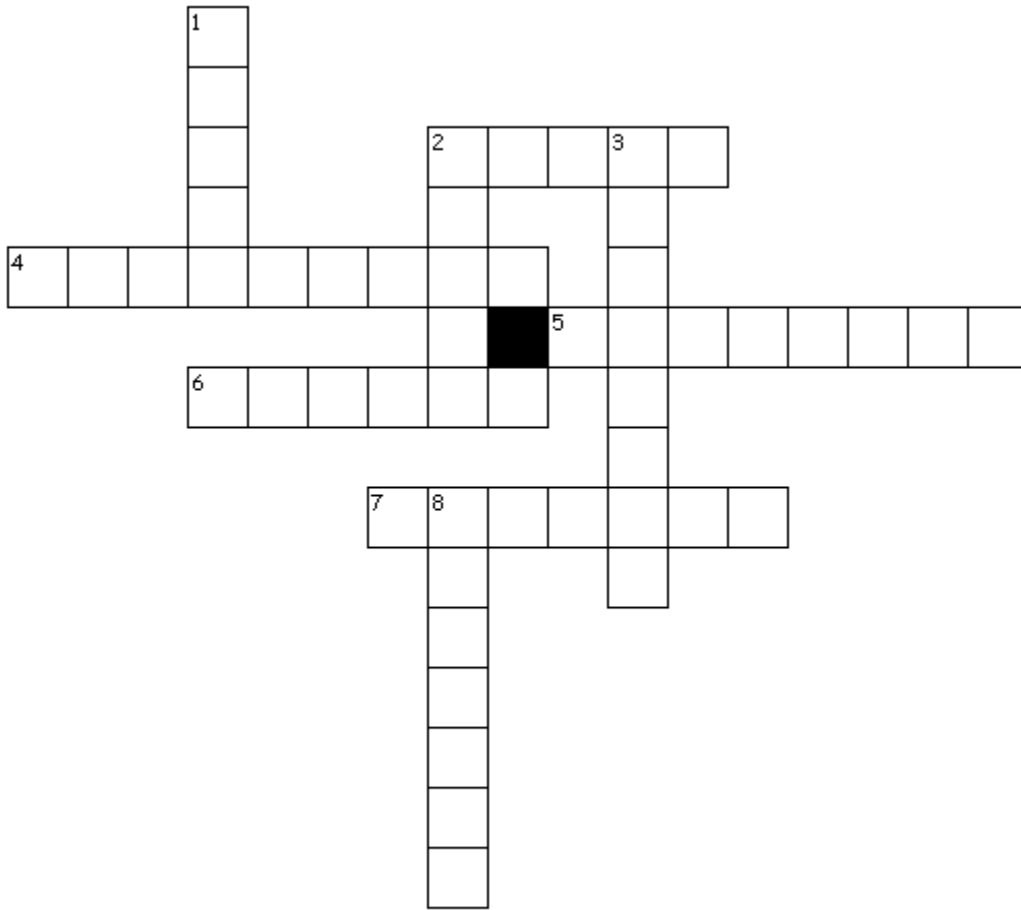
M U L V C L O S A R N E M A U
U M U H A F E B S G S U K I T
I S V Z M L M M N K L E Y G R
N X I G S O L L N L N C L I I
O I E T B Z H I Y A R I Y W C
L M Q A S Y Y H S Y Y X J D U
P N C B N E P A T N D W M U L
S F Q H L O P O X Y E J N L A
O X N C I D C R B Q H R B W R
S O V R A O K Y E D E F I U A
Y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

ANACHARIS
CRYPTOCORYNE
LEMNA
POTAMOGENTON

CABOMBA
ELODEA
LUDWIGIA
UTRICULARIAI

CHRYSOSPLONIUM
HERPESTIS
MYRIOPHYLLUM
VALLISNERIA

Aquatic Science Activity 2 – Types of Fish



Across

2. What type of fish is a goldfish?
4. What type of fish take extra air at the surface?
5. What fish prefers the water temperature from below 64 degrees to 74 degrees F?
6. What type of fish is a Cardinal?
7. What is a Peppered Corydoras?

Down

1. What type of fish is a livebearer?
2. What is a type of labyrinth fish?
3. What is a similar fish of a Tetra from Rio?
8. Where do can you tell the sex of a live bearer fish?

Aquatic Science Activity 3 – Parts of the Fish

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YEE	<input type="text"/>	<input type="text"/>	<input type="text"/>						
SLSAEC	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
TELRALA NELI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
RAOSDL NIF	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
DLCAAU NFI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
NAAL NIF	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
VETN	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					
PEILVC NIF	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
RATPOLEC NIF	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
LILG REOVC	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
HUMOT	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
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Unscramble each of the clue words.

Take the letters that appear in boxes and unscramble them for the final message.

Aquatic Science Activity 4 – Starting a Tank

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

FOOD
NYLON
SIPHON

GRAVEL
PLANTS
SNAILS

NET
SALT
THERMOMETER

Aquatic Science Activity 5 – Project Costs

In the space below, list all of the items that you have purchased for your Aquatic Science project. A few examples are provided to help you get started.

Item	Cost
Fish	\$
Tank	\$

Total: _____

What are some of the items you hope to purchase in the future?

Aquatic Science Activity 6 – Monthly Costs

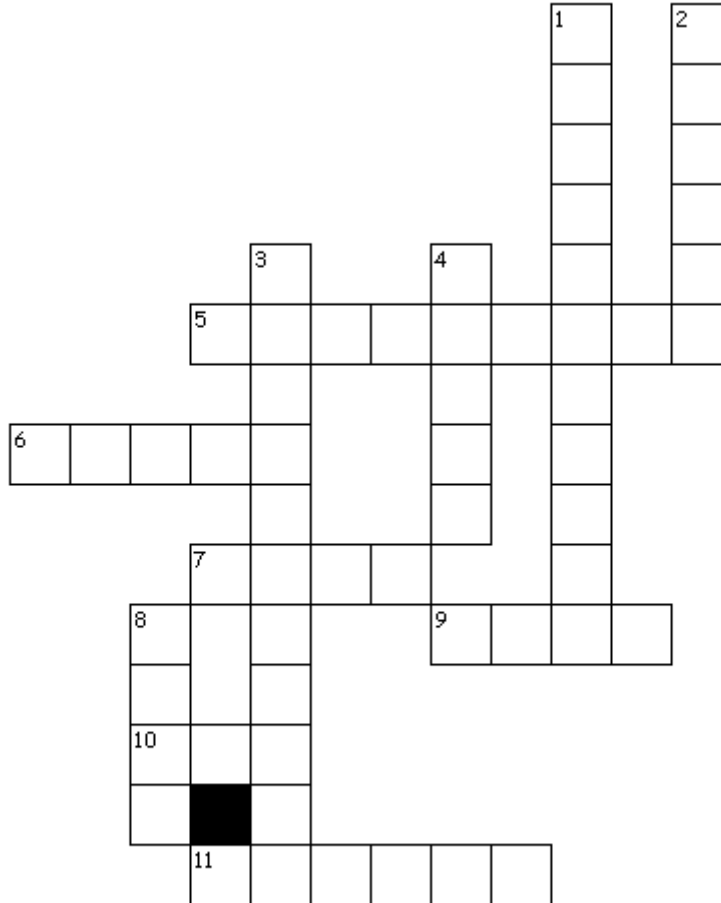
Now keep track of your costs each week for these items for your tank. After four weeks total everything up and multiply by 12 and you will have the annual cost of your fish tank.

	WEEK 1	WEEK2	WEEK3	WEEK4
Cleaning				
Supplies				
New fish				
Medicine				
Food				
Chemicals				
Water				
Other:				
Other:				
Other:				
Totals				

Why is it important to know the costs associated with a hobby?

Activity 7 – Fish Tank Supplies

Complete the following crossword puzzle of supplies you will need to take care of your fish.



Across

- 5. will help adjust pH of water
- 6. something that keeps things out of tank
- 7. nutrition for fish
- 9. the occupant of the tank
- 10. for handling fish
- 11. will decorate bottom of your tank

Down

- 1. help make your tank beautiful
- 2. green things for decoration or food
- 3. will show the temperature of tank
- 4. this will help you see
- 8. something that holds water

Word Bank					
cover	light	travels	fish	plants	tank
thermometer	chemicals	net	food	decorations	

Activity 8 – Project Supplies

There is a reason why you need some supplies for your project.

Why will you need a thermometer?

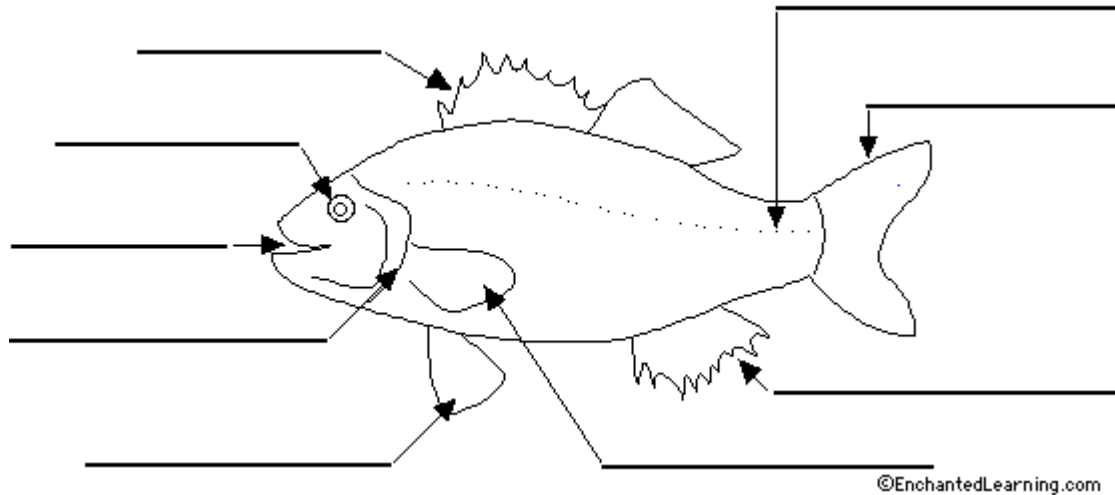
How are decorations beneficial to your fish?

What kind of chemicals will you need for your project?

In the space below, draw a picture of your tank with the supplies that you use.

Activity 9 – Parts of the Fish

Using the word bank below, label the parts of the fish.



Dorsal fin
Tail fin
Pelvic fin
Pectoral fin
Gill cover
Eye
Mouth
Scales

Why is it helpful to know the parts of your fish?

Activity 10 – Fish Care Habits

Why is it a good idea to do a bowl check each day?

Why should you always remember to turn the tank's light off at night?

How long should you leave food in the tank for your fish to eat before removing it?

Why is it important for everyone who helps you care for your fish to be aware of how you care for your fish (including when to feed, how to clean, etc.)?
