

# Pearl Mussel Project – Education Resource Pack

The Pearl Mussel Project have put together some online resources for primary school children to learn about the Freshwater Pearl Mussel.

It's really simple to use:

1. Read through the story map (trying to remember as much information as possible)
2. Complete the activities (available to download from our website)
- 3.

If you can't remember some of the answers for the activity sheets you can always go back to the story map again!



At the Pearl Mussel Project we look at the different plants that are growing in an area to see how good that habitat is for the environment and for Pearl Mussels.



Areas that have lots of plants and animals, or high biodiversity, are better for the environment, Pearl Mussels, and humans!



Why don't you have a look in your garden and see what plants you can find? Circle the pictures of any of the plants that you find and add up the scores.



Some of the plants might not have their flowers yet so you will need to look carefully at the leaves



Before you go out to look at the plants in your garden ask for permission – if you can't go outside today maybe you can do it another day instead, or you could even record what you can see from the window!



This survey was carried out by \_\_\_\_\_

on the \_\_\_\_\_ in \_\_\_\_\_

Circle the plants that you find and add up the points!

**2 points each**

Daisy



Buttercup



White Clover



**4 points each**

Dandelion



Ribwort Plantain (Soldiers)



Cleavers (Sticky backs)



Common Sorrel



**6 points each**

Self-heal



Cuckoo Flower



Yarrow



Silverweed



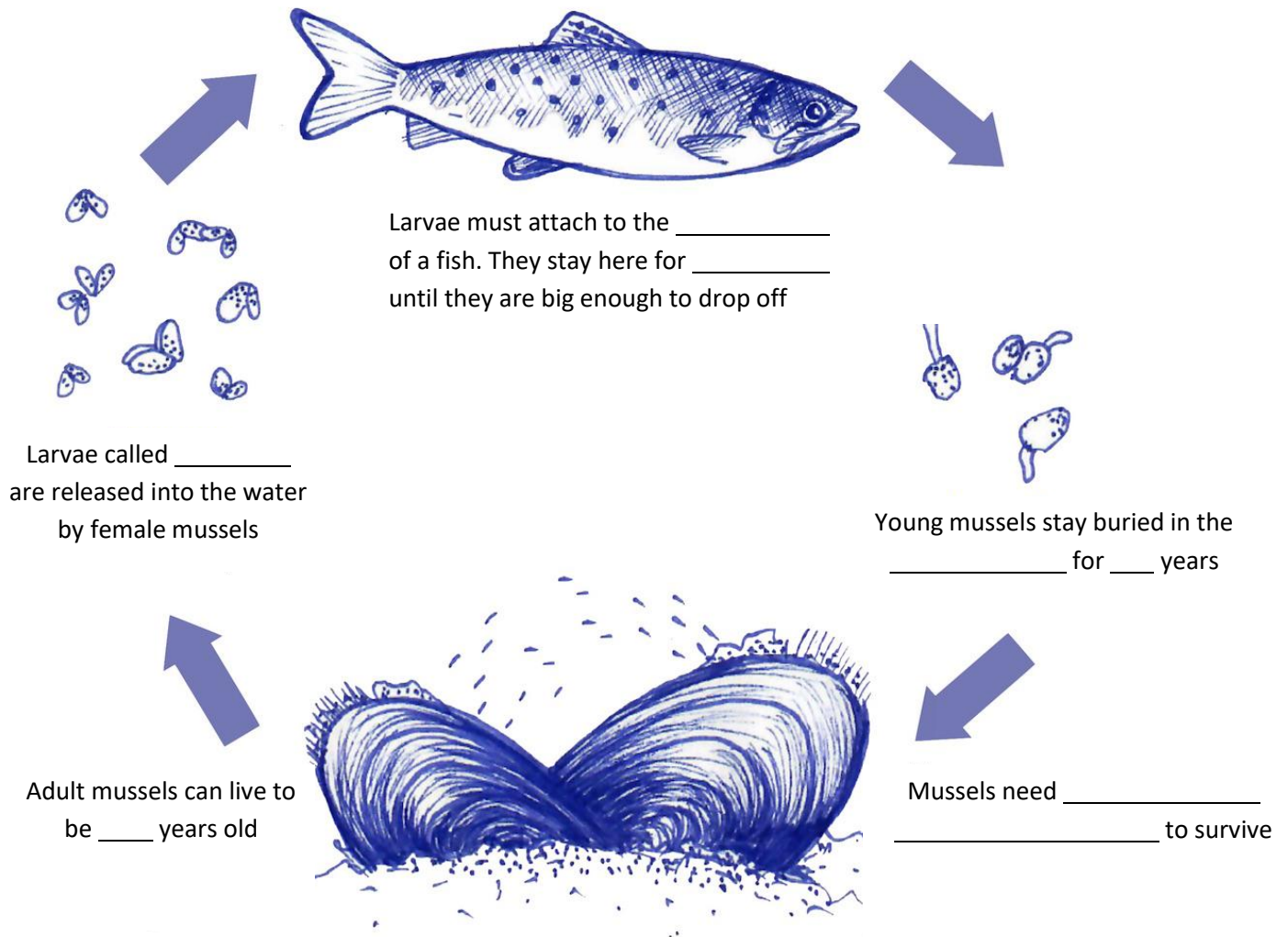
Did you find other plants? Can you name them?

Total Score: \_\_\_\_\_

What do you think you could do to get a higher score?



# Can you fill in the blanks?



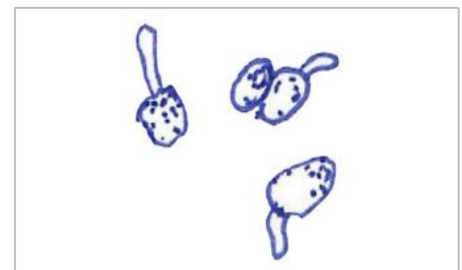
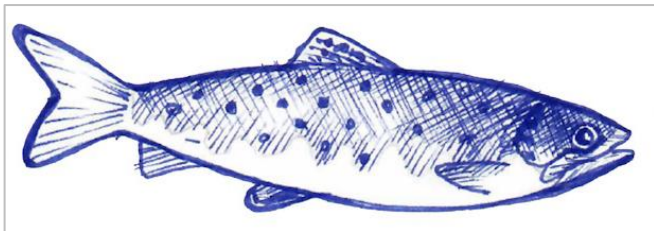
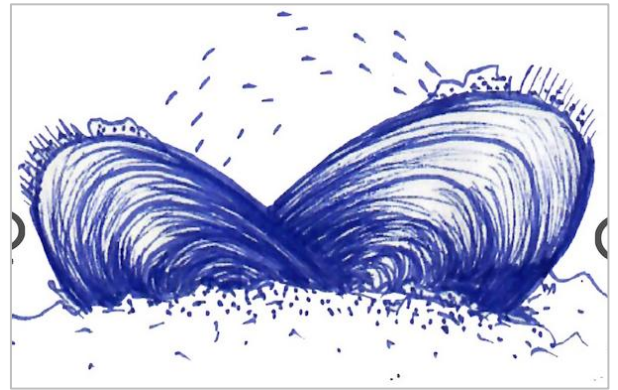
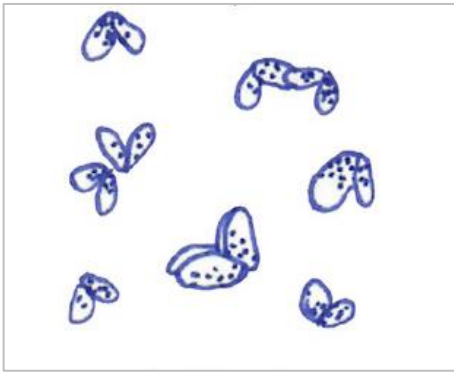
## Bonus Questions:

How many larvae can one female mussel release?

What type of fish do the Pearl Mussel larvae attach to?



Can you draw arrows to put these parts of the  
Freshwater Pearl Mussel life cycle in the right  
order?



# Pearl Mussel Project Quiz

1. What do you call an animal without a backbone?
2. Where do Pearl Mussels live?
3. How long do Pearl Mussels live for?
4. The Pearl Mussel lives inside two shells – what do we call animals like this?
5. How much water can one Pearl Mussel filter in a day?
6. What other animal does the Pearl Mussel rely on to survive?
7. What do you call Pearl Mussel larvae?
8. How long do young mussels stay buried in the river bed for?
9. What do Pearl Mussels do that is helpful for humans?
10. What kind of habitat do Pearl Mussels need to survive?



# Pearl Mussel Project Word Search

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

ENVIRONMENT  
 GLOCHIDIA  
 FISH  
 FILTER  
 ECOSYSTEM  
 MUSSEL  
 STREAM  
 OXYGEN  
 RIVER  
 BIVALVE  
 PROTECTED  
 SHELL  
 POLLUTION  
 SEDIMENT  
 HABITAT  
 CLEAN



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

BIVALVE  
CLEAN  
FILTER  
FISH  
HABITAT  
INVERTEBRATE  
MUSSEL  
OXYGEN  
PROTECTED  
RIVER  
SHELL  
WATER





*Colour in the Pearl Mussels and add in other plants and animals you might find in a river to finish the picture*

