

# Pearl Mussel Project Education Resource Pack

The Pearl Mussel Project have put together some online resources for primary school children to learn about the Pearl Mussel Project and how it works.

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)

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

Can you spot the differences between these two pictures?



**Bonus question:** Would the fields in the top or bottom picture get a higher score in the Pearl Mussel Project?



In the Pearl Mussel Project we use scorecards to see how good the habitats on a farm are. This scorecard asks some of the same questions that you can use it in your garden or park!



Add up the number of points you get for each question to get your final result!



10/10 is the highest score and means that the area is in good environmental condition. If you get a lower score can you think of anything that could be done to help get a higher score?



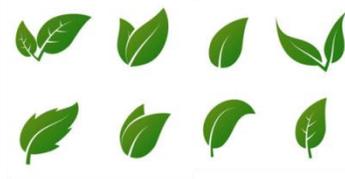
Before you go out to look at the plants in your garden ask for permission – if you can't go outside today maybe you can do it another day instead, or you could even record what you can see from the window!

# 1. How many different types of plants can you count?

(include trees, grasses, flowers, and mosses)



1-4 types of plants = 1 point

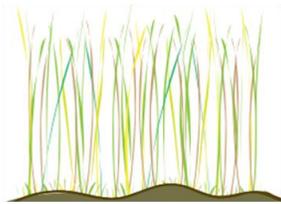


4-8 types of plants = 2 points

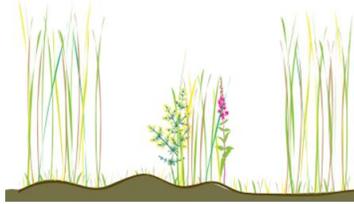


9 or more different types of plants = 4 points

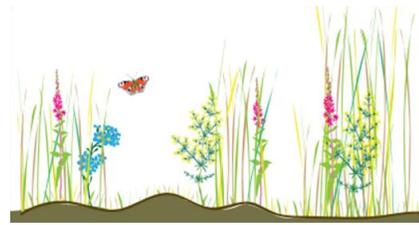
# 2. Are all the plants the same height, or are there differences?



All plants are the same height = 0 points



The plants are mostly the same height, but some are a bit taller/shorter = 1 point



There is a variety of tall and short plants throughout the plot = 2 points

# 3. Can you see any rivers or streams?



No rivers or streams = 0 points



A river or stream that is polluted = - 2 points



A river or stream with clean water = 2 points

# 4. Can you see any dumping or other damaging activities?



There is some dumping/litter/other damage here = 1 point



No dumping, litter, or damage = 2 points

**Total Score = /10**



# Pearl Mussel Project Quiz

1. What is the Pearl Mussel Project?
2. How many catchments/project areas does the Pearl Mussel Project have?
3. In a river catchment, all of the \_\_\_\_\_ that falls on the land flows \_\_\_\_\_ that river?
4. Things that happen on land can have an impact on water quality in rivers and streams – True or False?
5. Can you think of an example of pollution in a river?
6. Wetlands help to keep a good/steady flow of water in our rivers – True or False?
7. What is the highest score a field can get in the Pearl Mussel Project?
8. Which habitats do the Pearl Mussel Project have scorecards for?
9. What type of conditions does the Freshwater Pearl Mussel need to survive?
10. The Freshwater Pearl Mussel is an indicator of good water quality – True or False?

# Pearl Mussel Project

## Wordsearch

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

farmer

field

scorecard

grassland

woodland

peatland

advisor

fence

drain

flow

nutrients

environment

