



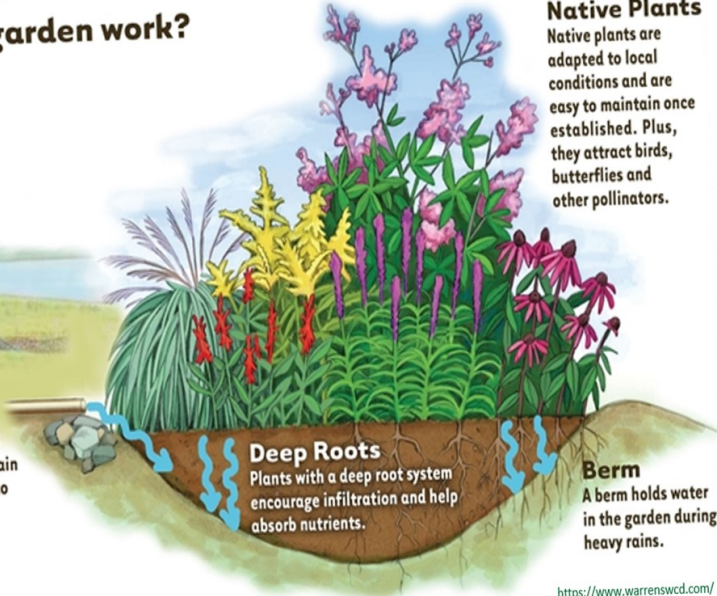
Early Connections

Wild about rain gardens

How does a rain garden work?



Gutters & Down Spouts
Assist with directing rain water from your roof to your rain garden.



Deep Roots
Plants with a deep root system encourage infiltration and help absorb nutrients.

Native Plants
Native plants are adapted to local conditions and are easy to maintain once established. Plus, they attract birds, butterflies and other pollinators.

Berm
A berm holds water in the garden during heavy rains.

Rain gardens



Rain gardens slow down rainwater **run-off** which flows from roofs, paths and roads. Flooding can happen when we get storms or have too many days when the rain just hasn't stopped falling, and when there are too few plants or trees which help to soak it up.

Draw your school grounds below.

Question: Do you think that the design of your school grounds causes flooding to happen?

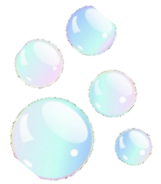


Green roofs and walls

Planting on a roof or a wall will add plants which help soak up water and slow the rate of flow. What else could you add to your school grounds that could slow water flow?

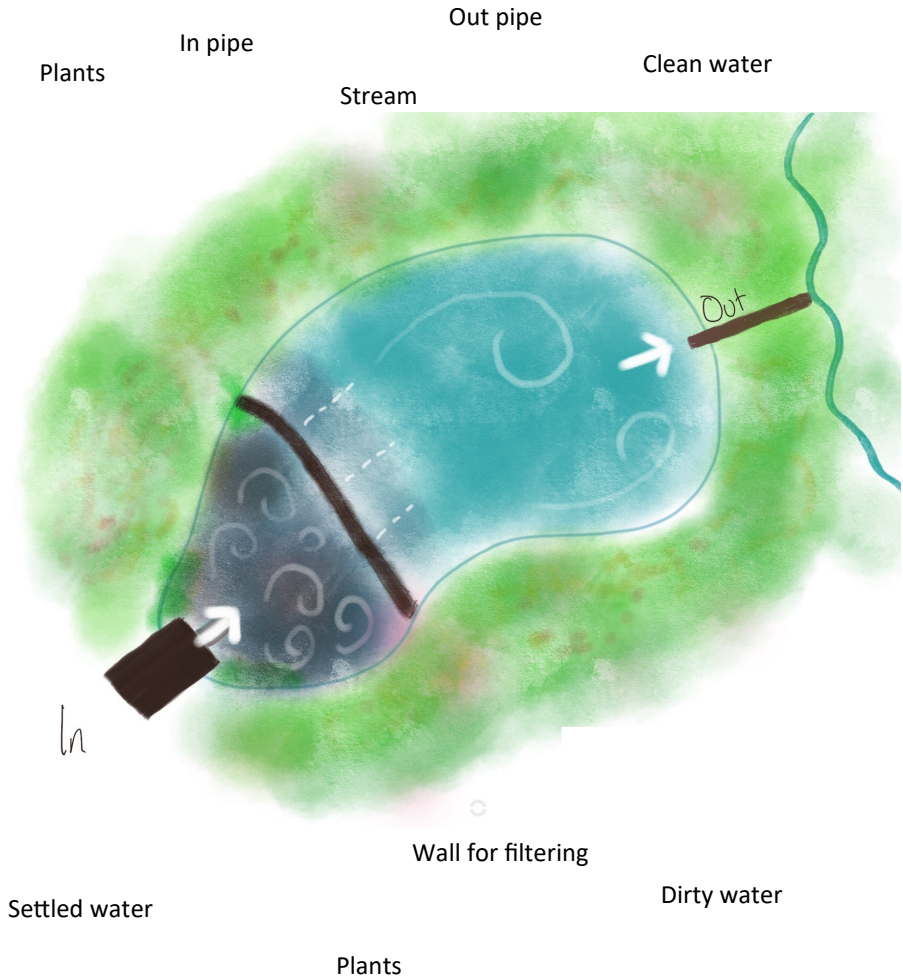
Hint: places for plants?

SUDs

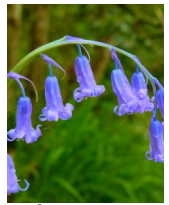


Sustainable Urban Drainage system

No we don't mean soap suds, SUDs help to remove dirty water from urban areas such as road ways and drains to let the dirt settle, filter and be cleaner before it enters our streams and rivers. Can you draw a line to link the words to the correct area of the SUDs pond?

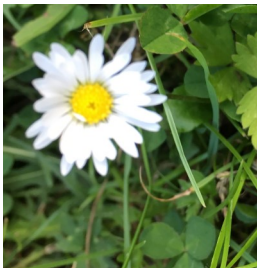


Native Planting



Native planting is very important to the wildlife of Scotland. Our wildlife use native plants and trees for food and shelter , it is difficult for them to use non-native plants in the same way and many non-natives are harmful to our wildlife.

The following pages contain a recording sheet for you and your class to explore the school grounds to record any plants that you find there. One you find a plant draw or photograph (print and stick photo in the box on the page) then as a group discover if your plant colour, size, name and is native or non-native? Here are some plants to start you off



Daisy—Native



Hawkweed—Native



Fireweed—Non-native



Ragwort—Native

cm



My records

Where was it found?

Time of year

Creature or plant colour

Creature or plant name

Size

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

My records



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Time of year

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Size

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cm



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My records



Where was it found?

Time of year

Creature or plant colour

Creature or plant name

Size

cm

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20

Rain garden wordsearch

Can you find the words associated with a rain garden?

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

Drainage

Puddles

Sustainable

Gravel

Rain Chain

Urban

Green roof

Raised bed

Water

Green Wall

Soil

Weather

Planting

Storm

Cumbernauld Living Landscape

You can find out more about the fantastic projects that are happening to improve your connection to nature in Cumbernauld's on our Website.

<http://cumbernauldlivinglandscape.org.uk/>

