

Little Raindrop Cycle

Design your own version of the water cycle where water goes through a sustainable urban drainage system.

Your task:

Your task is to create your own raindrop life cycle as it travels from the clouds, down to the earth, through a sustainable urban drainage system of your choice (pick from the images below) and back up into the clouds. Draw your raindrop at the different cycle stages and write a brief description explaining each one. The first box has already been filled out for you.

Rain planter

Rain falls onto rooftops, goes through a pipe and into a rain planter instead of down the drain. The soil gets wet and the plants have water.



Water Butt

Rain falls onto rooftops, goes through a pipe and into a water butt. The water can be used for lots of things like watering plants.



Roof Garden

Rain falls onto the roof with a garden on it. The soil gets wet and the plants have water.

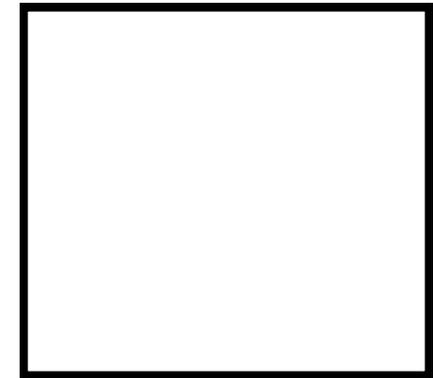
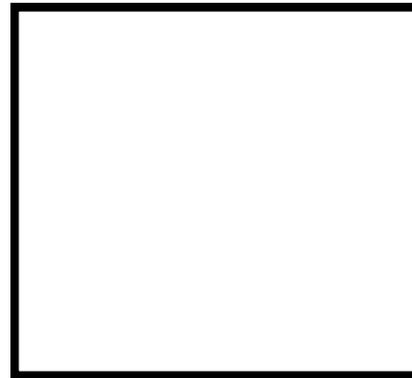


Rain Garden

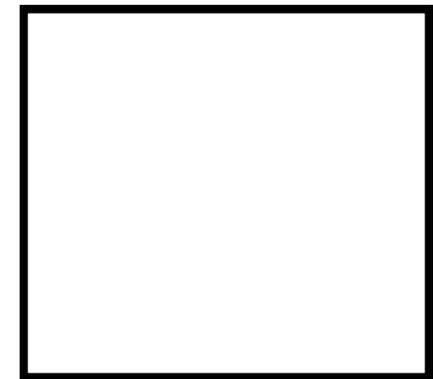
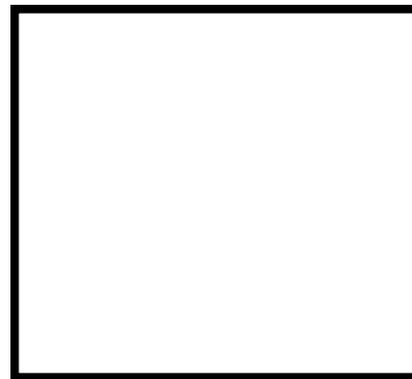
Rain falls into the garden which is really good at storing water. The soil gets wet, there might be ponds and the water-loving plants get water.



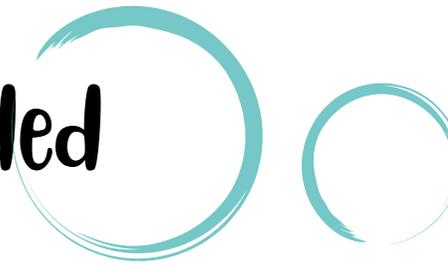
Little Raindrop Cycle



Little raindrop falls
from the clouds.



Little Raindrop Cycle Scaffolded



If creating your own water cycle is a bit tough, you can rearrange the steps below. Cut and stick them or copy them into the boxes in the right order. Then draw a picture for each one. Help the raindrop make its journey from the clouds, down to the earth, through a water butt and back up into the sky!

Little raindrop goes into a watering can and is used to water plants.

The raindrop comes out of the pipe and flows into a water butt.

Little raindrop lands on a house.

Little raindrop falls into the gutter and down the downpipe.

Little raindrop falls from the clouds.

Little raindrop sits on a leaf, warms up and evaporates into the sky!