



Teacher information: The way of the water

The question: Where does the water go starting at the ground surface?

Reflection: Why is it important to know where the water goes when it rains?

	Direction of motion		
	downwards	along the surface	upwards
Where does the water go when it moves in this direction?	Into the soil	Downhill following the slope of the terrain	Into the atmosphere, it evaporates
How long do you think does the water stay there?	Days up to weeks or even longer	Some hours	It is quickly moving into the atmosphere, but remains in the atmosphere for a few days on average
Where does it go thereafter?	Into the groundwater, into streams and rivers, or it is taken up by plants	To a stream, a river, or into the ocean	It returns as precipitation (rain)
Why is it important that the water can seep into the soil?	<ul style="list-style-type: none"> - So that less flooding can occur - So that the plants have water to evaporate (transpire) and can grow - So that the animals living in the soil have water - So it doesn't get too warm, because when the plants transpire, it stays cooler - ... 		
Does the water seep away at the same rate in all places on your LEAP? If not, where is it the slowest and where the fastest?	Park > sports ground > schoolyard		





The way of the water

Where does the water go starting at the ground surface?

Think and fill in the table below.

	Direction of motion		
	downwards	along the surface	upwards
Where does the water go when it moves in this direction?			
How long do you think does the water stay there?			
Where does it go thereafter?			
Why is it important that the water can seep into the soil?			
Does the water seep away at the same rate in all places on your LEAP? If not, where is it the slowest and where the fastest?			

