Cut-out samples for students to sort through as they form strategies for capturing runoff. For after students gather schoolyard runoff data.

Underground Retention Basin

An underground storage tank that captures runoff and sends it to the ground. Great for parking lots or places without green space.

Raingarden

A planted garden for capturing parking or rooftop runoff and puts it in the ground. Can be flooded for 24 hours. Great for visible places and helpful for pollinators and other wildlife.

Storm Pond

Retention (Wet)/Detention (Dry) Basin

Retention basins permanently hold water. Great for places that capture large amounts of runoff and have no other uses.

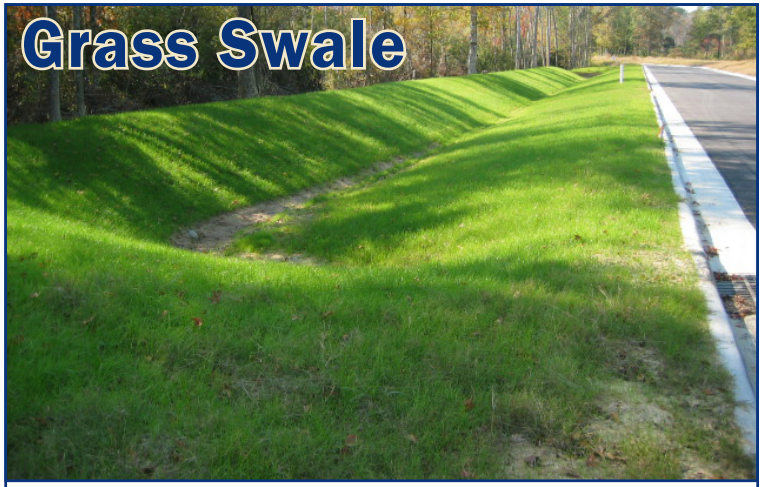
Detention basins temporarily hold water. Great for places that capture large amounts of runoff and have other uses such as open park space.

Permeable Pavers

Pavers with soil or gravel between them to allow water to soak through and into the ground. Great for sidewalks, driveways, and high traffic areas.

Can be placed as strips to strategically capture runoff from pavement or rooftops.

Grass Swale



A narrow trench that's either planted or kept as grass. Great for along roads to capture runoff, sending it to either the ground or filtering it before it gets to a lake or wetland.

Green Roof

A roofftop garden with layers of soil and gravel beneath it to store water for dry periods. Excess is piped off of roof.

Gravel Wetland

A human-made wetland with a layer of gravel underneath it. Great for sandy areas or low spots close to the water table (groundwater). Plants and soil work together to absorb and infiltrate water.

Tree Trench

An underground trench with layers of sand, gravel, and stormwater storage. Soil, plants, and trees get planted and their roots can pull water from the storage beneath them. Good for high traffic areas and capturing stormwater with limited green space.

Cut-out text for placing onto the large projected classroom map.

Raingarden

Grass Swale

Green Roof

Storm Pond

Retention (Wet)/Detention (Dry) Basin

Gravel Wetland

Underground Retention Basin

Permeable Pavers

Tree Trench