

# Herbert Hoover Boys and Girls Club Rainscaping Workbook

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PRIMARY

**GREENPRINT**  **PARTNERS**



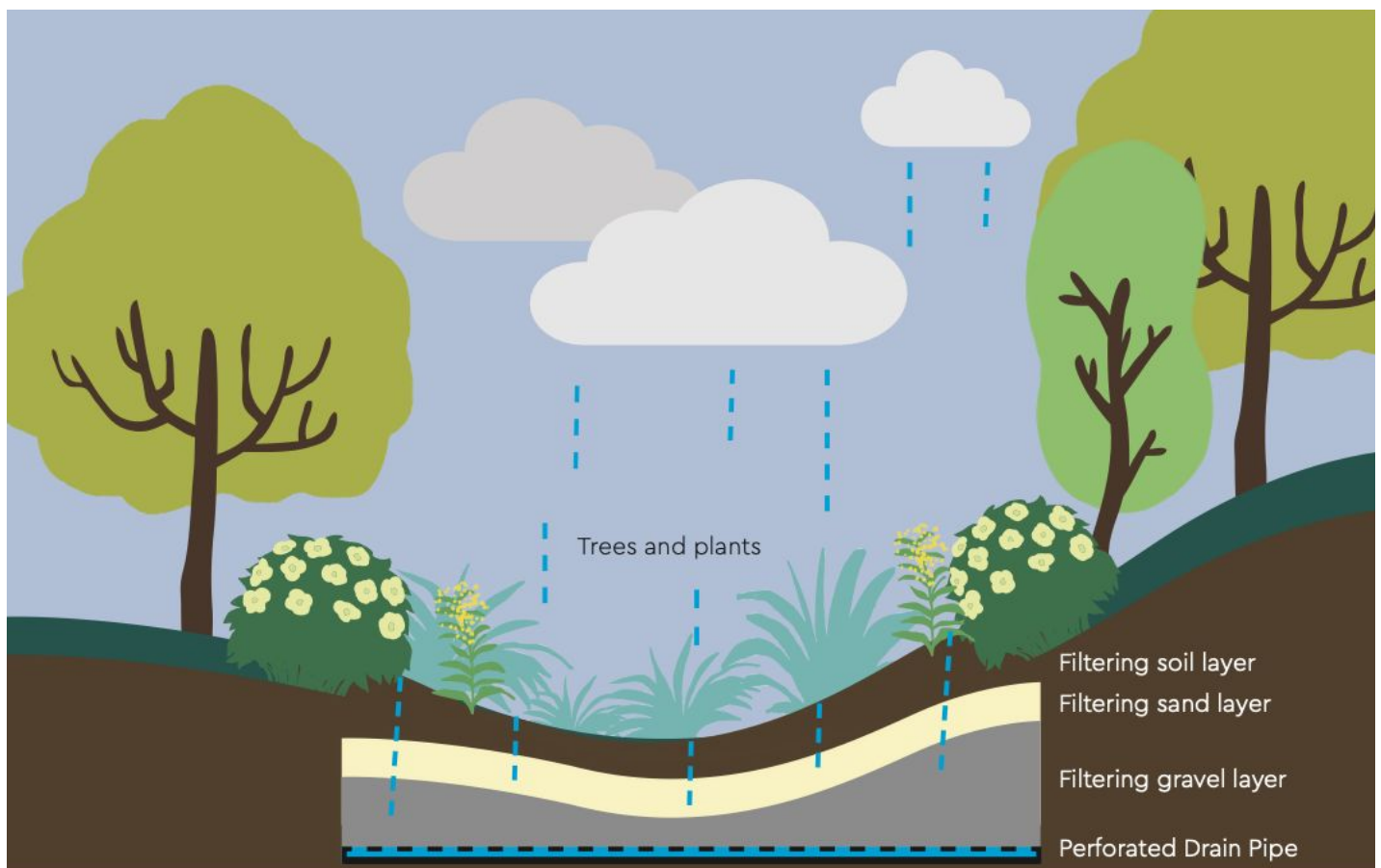
# RAINSCAPING

## What is Rainscaping?

Rainscaping is green space that acts like a giant sponge, soaking up rainwater right where it falls to reduce flooding and water pollution. The plants on the surface also help clean the air, reduce carbon, and provide habitat for butterflies, bees, and birds.

## How does Rainscaping work?

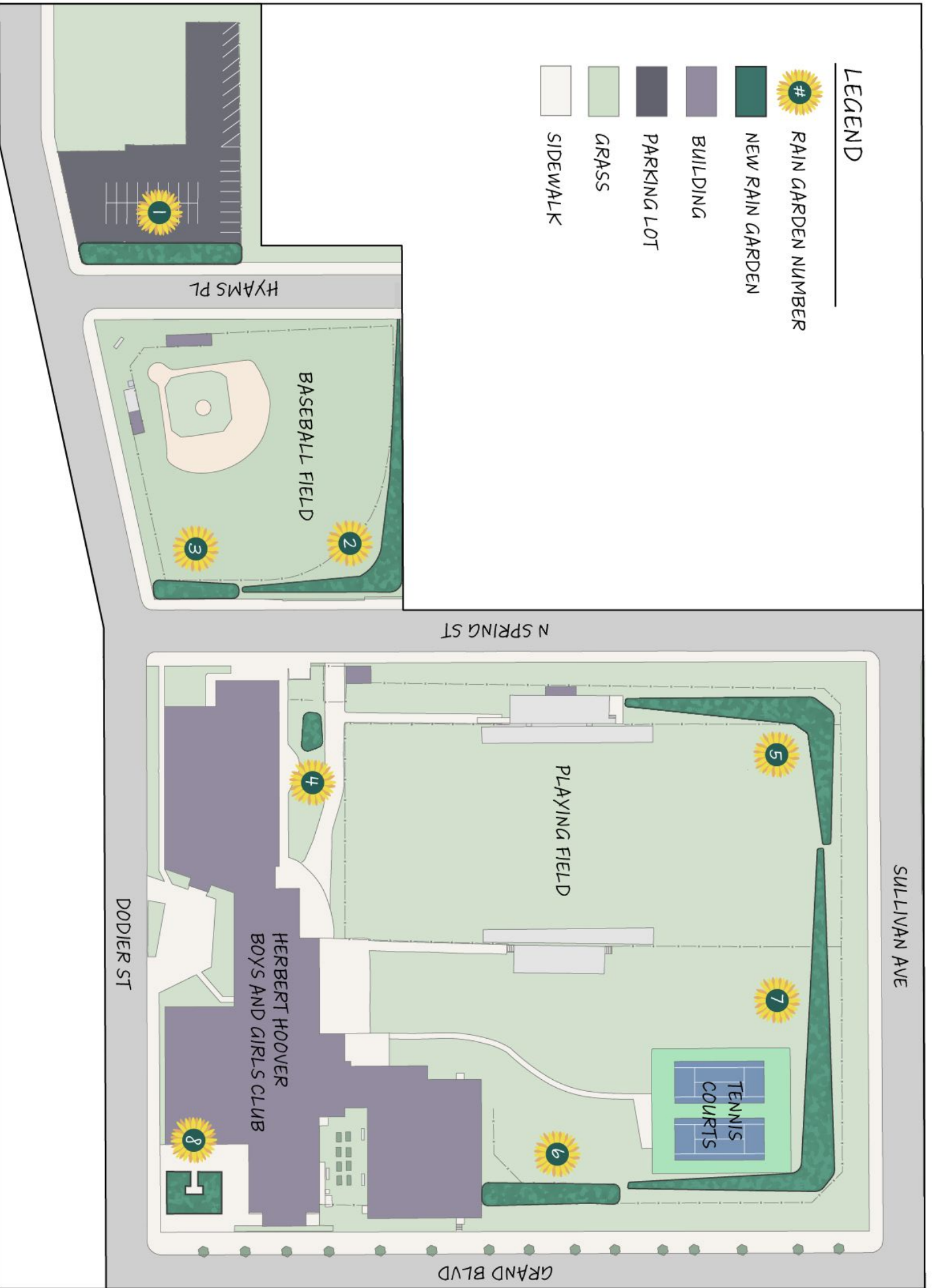
Rainscaping like the rain garden shown below collects, filters, and stores water.



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LEGEND

- # RAIN GARDEN NUMBER
- NEW RAIN GARDEN
- BUILDING
- PARKING LOT
- GRASS
- SIDEWALK



# PLANT COLORING ACTIVITY

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Each of these color (red, orange, yellow, blue, purple, pink, and white) represents the color of a plant's flower that will be planted in the rain gardens based on the colors you pick!

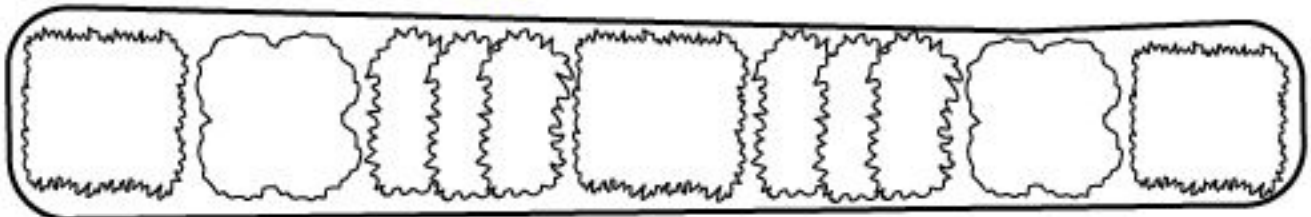


## INSTRUCTIONS

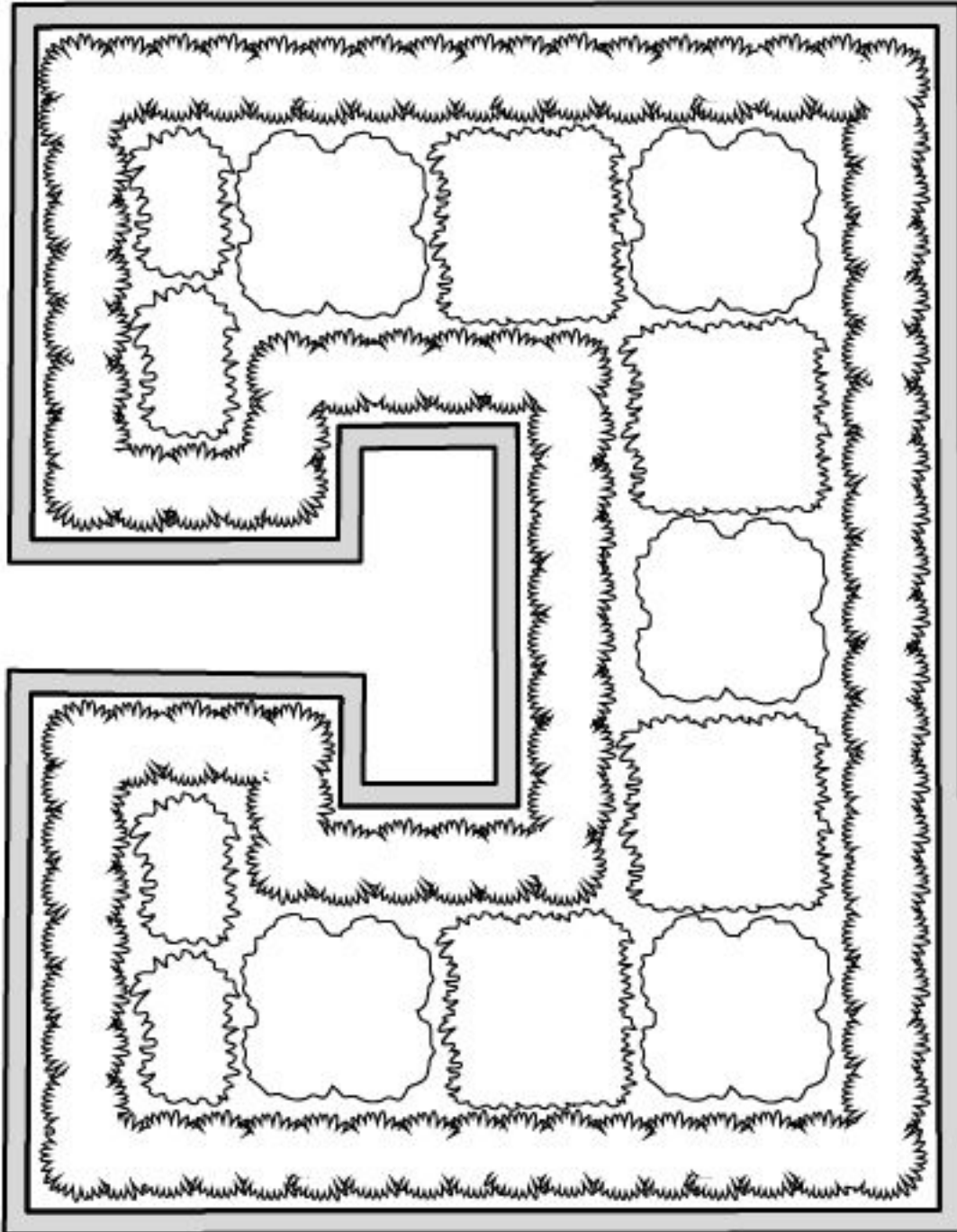
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Help choose the colors of the flowers in the rain gardens!  
Use your art supplies to color in the outlines of the plants in Rain Garden 6 (this page) and Rain Garden 8 (next page).

### RAIN GARDEN



# RAIN GARDEN



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# TELL US WHAT YOU'VE LEARNED

Help us understand what you've learned today, and how we can improve our workshop. Please color in the stars using the scale below.

Poor  Great

1. How clear was the information we presented?



2. How interesting was the presentation?



3. How engaging was the design activity?



4. How engaging was the demonstration activity?



5. Please share your favorite thing from today's workshop and any other feedback here.

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# COMMUNITY BENEFITS

Rainscaping is a wonderful solution to manage stormwater, but also helps communities flourish.

**Circle the benefits that you're most interested in.**



## BEAUTY

Beautiful, maintained landscaping are placed where people can enjoy the view.



## HEALTHY BODIES

Rainscaping draws people outside to walk, bike, and play, and get our bodies moving.



## HEALTHY MINDS

Research shows that rainscaping can help reduce stress and improve mental well-being.



## PERSONAL SAFETY

Well maintained green spaces can deter illegal activities, making communities safer.



## TRAFFIC SAFETY

Attractive landscaping often slows down drivers which makes the space safer for walkers and bikers.



## STUDENT ACHIEVEMENT

Having views of nature improves student focus and learning.



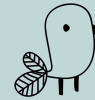
## SOCIAL SPACE

Beautiful outdoor gathering places can foster a sense of community and belonging.



## AIR QUALITY

Plants - especially trees - can filter the air, making it cleaner to breathe.



## HABITAT

Native plants attract pollinators like butterflies and bees and offer shelter and food for beneficial insects and birds.

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# Rainscaping Information to Take Home

An attractive, eco-friendly landscaping solution, Rainscaping offers many benefits for St. Louis properties. Examples of Rainscaping include: rain gardens, tree plantings, porous pavement, and green roofs. Today, your student attended an educational workshop to learn about Rainscaping and help design new rain gardens for Herbert Hoover Boys and Girls Club. The project is funded through Metropolitan St. Louis Sewer District's (MSD) Project Clear Rainscaping Large Scale Grants Program, and will be constructed in 2022. **Project highlights are included below:**

## Eight New Rain Gardens

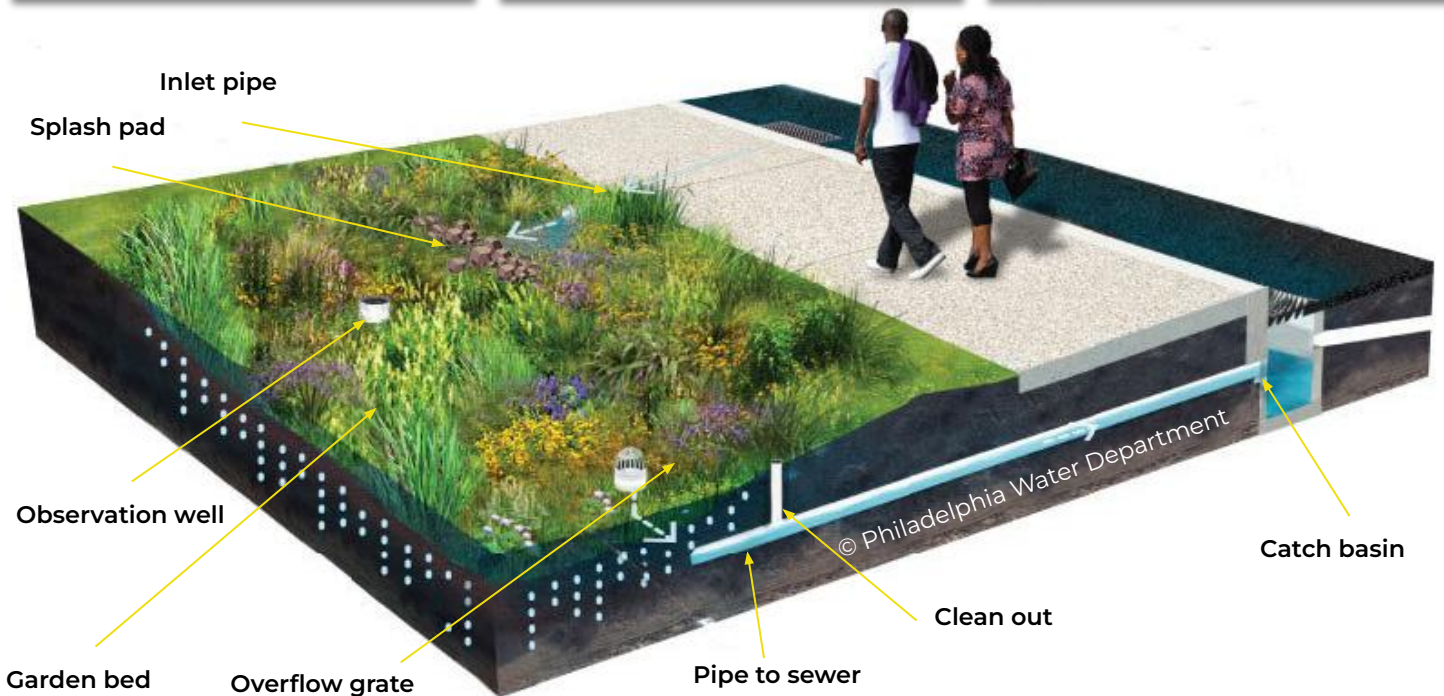
These rain gardens will capture stormwater runoff from 5+ acres.

## 650,000+ Gallons

Each year, the rain gardens will manage enough runoff to fill an Olympic-sized pool.

## Year-Round Beauty

The gardens will feature native plants and flowers selected by your student!



## MSD's Rainscaping Large Scale Grants Program

The Rainscaping Large Scale Grants Program pays for green infrastructure projects on private properties within a specified Grant Program Area. Each grant is part of MSD's commitment to invest \$100 million in rainscaping projects around St. Louis, with an overall goal of preventing sewer flooding, supporting healthier neighborhoods, and keeping pollution out of the Mississippi.

**Greenprint Partners is a green infrastructure delivery partner that helps cities build high-impact, community-driven green infrastructure at scale. We are a woman-owned B-Corp. Get in touch at [GreenprintPartners.com](https://www.GreenprintPartners.com).**

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