RAIN GARDEN INSTALLATION

STORMWATER MANAGEMENT IN YOUR SCHOOL YARD

Rain Garden Installation Module
PARTS OF A RAIN GARDEN

BUFFER  SLOPE  BASE

Inlet  Outlet

TYPICAL DEPTH
3-8"

MOISTURE LEVELS
dry  moderate  wet  moderate  dry

Rutgers New Jersey Agricultural Experiment Station
PARTS OF A RAIN GARDEN

- Buffer
- Slope
- Base
- Soil
THE FUN PART!

INSTALLING YOUR RAIN GARDEN
INSTALLATION STEPS

1. Remove existing grass
2. Excavate to desired elevation and grade
3. Add soil amendments
INSTALLATION STEPS

3. Prepare berm (if necessary)
4. Prepare overflow
5. Level the base (lowest area)
INSTALLATION STEPS

6. Plant native species
7. Apply mulch
8. Water plants
TOOLS & MATERIALS NEEDED

- Rakes and shovels
- Rototiller
- Wheelbarrow
- Triple-shredded hardwood mulch
- Plants

- Soil amendments, if necessary: fertilizer, pH adjustments (lime), coarse sand
- Optional: decorative stone, signage, seating, pipe extensions, pavers for path
- Work crew (friends, neighbors, and family)
INSTALLATION SUMMARY

At time of installation

First growing season

Second growing season

Photos courtesy of: United States Department of Agriculture and Madeline Flahive DiNardo
1. Insert slides of your school’s rain garden installation. Show photographs of the excavation of the rain garden prior to the students planting.