

RAIN GARDEN INSTALLATION

STORMWATER MANAGEMENT
IN YOUR SCHOOL YARD

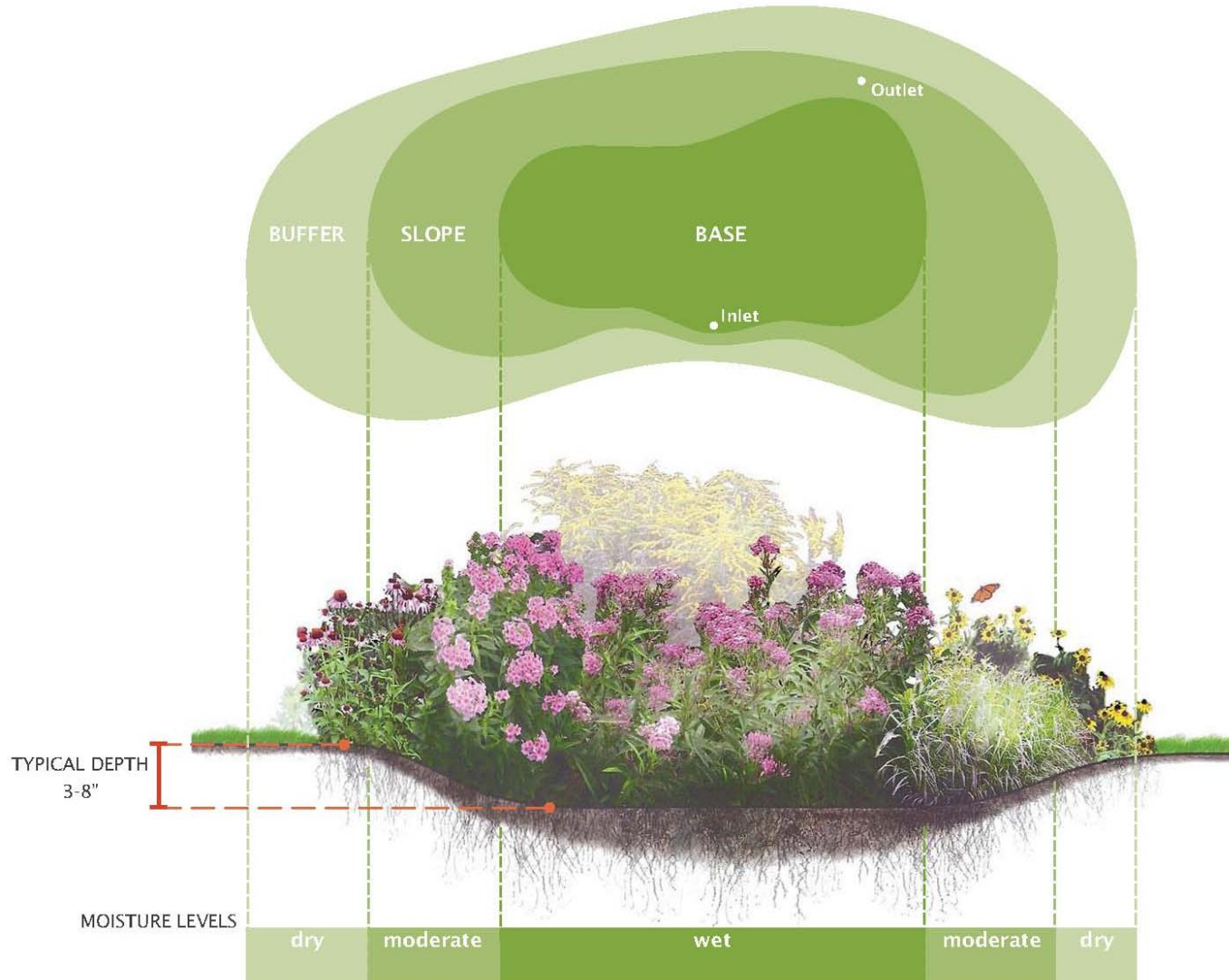
Rain Garden Installation Module

RUTGERS
New Jersey Agricultural
Experiment Station

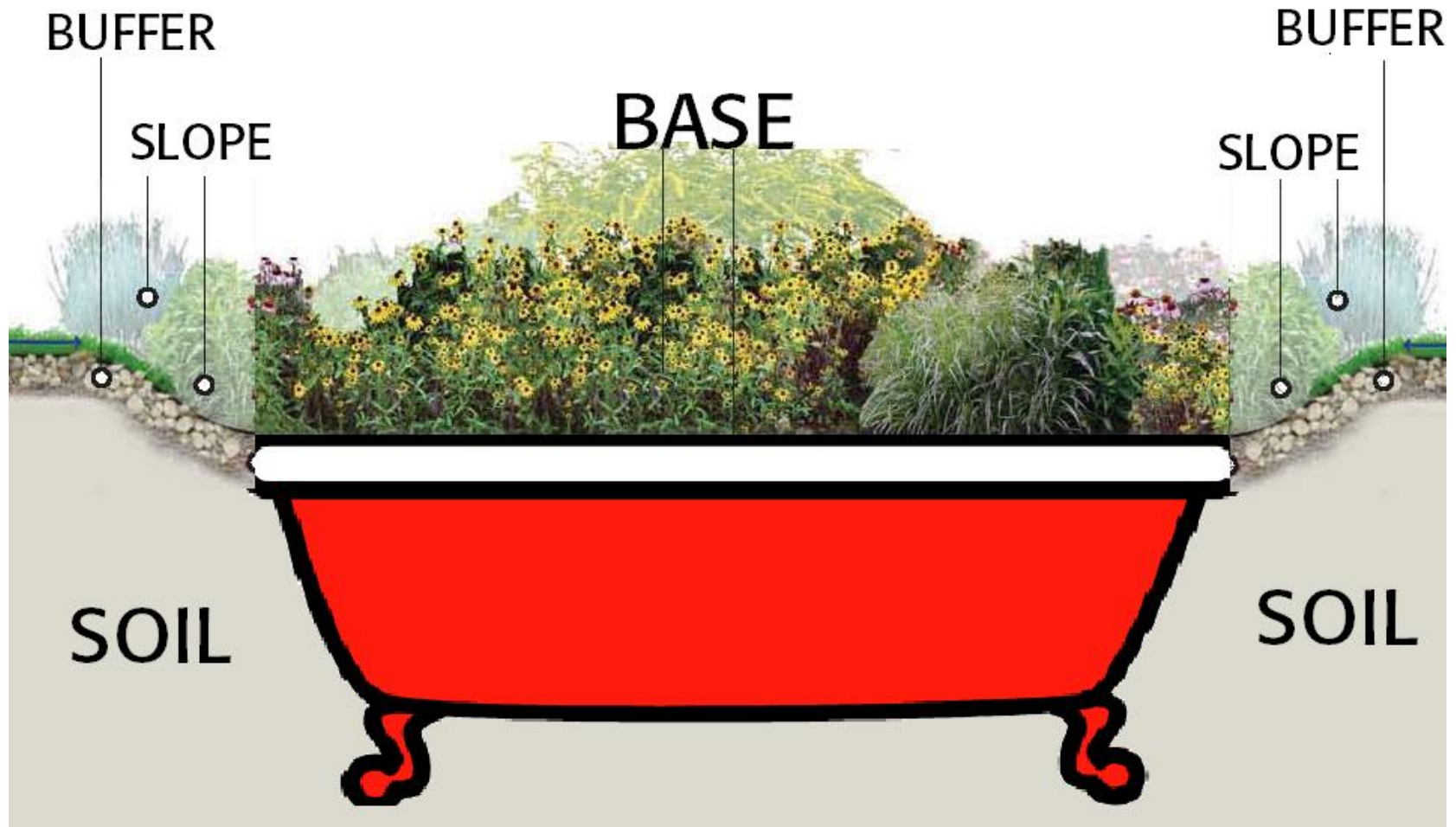




PARTS OF A RAIN GARDEN



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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.