



Greater Des Moines Botanical Garden

Exploring, explaining and celebrating the world of plants

Addressed Learning Standards

Wonders of Water

Water is important for every living thing! Dive into the world of water and learn what water is made of, how valuable the finite resource is and ways the living world uses it. Students will use their investigative skills and test different water samples including the Des Moines River, the Botanical Water Garden and tap water. Schools can also bring their own water sample to test. After the water tests, students will create a filter using natural materials to remove sediment and other debris from water.

This program is seasonally offered during the months of September - November and March - May.

Grade Level:

High School

Format:

Lab

Subjects:

Natural Science

Science Inquiry

Experimentation

Environmental Science

Biology

Next Generation Science Standards:

HS-LS2-7

Design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity.

HS-ESS3-1

Construct an explanation based on evidence for how the availability of natural resources, occurrence of natural hazards, and changes in climate have influenced human activity.

Iowa Core:

Geography

SS.9-12.G.5

Understand how human actions modify the environment and how the environment affects humans.