



## Executive Summary

As part of Fort Wayne's overall effort to improve water quality of our rivers and the streams that feed them, Fort Wayne hopes that home owners, businesses, and institutions will build rain gardens! A rain garden is a landscaped area that holds water runoff for a few hours to a few days. Rain gardens are typically planted with native species that help soak up more water and these plants may improve the quality of the water that does runoff from the rain garden. Please go to [www.catchingrainfw.org](http://www.catchingrainfw.org) for more information about Fort Wayne's program.

The City of Fort Wayne also hopes that these Educational Modules will be utilized by teachers in the area to enhance their programmatic goals as well as enrich our children's lives. These Educational Modules are correlated with Indiana science standards and follow recommendations of the Hoosier Association of Science Teachers Inc. (HASTI). They also compliment the Earth Partnership of School (EPS) and the National Science Foundation (NSF) based curricula.

By investing in our children's education, we are also investing in the future of Fort Wayne. Thank you for considering these Educational Modules as part of that investment.

### Snapshot of the Modules



#### 1. The Growing Process

-This Module demonstrates how plants adapt and support the functions of a rain garden.

#### 2. Rain Garden Siting and Design

-This Module shows how to best determine the best locations to build a rain garden.

#### 3. Fort Wayne's History and Its Rivers

-This Module explains Ft. Wayne's watersheds as well as what activities contribute to pollution.

#### 4. Polluted Runoff

-This Module explains the different types of pollutants and how we can all help to reduce water pollution.

#### 5. Rain Garden Maintenance

-This Module explains how to keep a rain garden functioning the way it was designed to work by going over simple maintenance techniques as well as weed identification.

### Classroom Application

Each module includes background information and versions of activities that have been designed for use with different (K-12) grade levels.

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## Acknowledgements

The City of Fort Wayne would like to take this time to thank all of teachers and others that participated in the development of these Educational Modules. Without your ideas, insights and dedication to this effort these Educational Modules would not be nearly as dynamic and useful as we hope they are. We thank each and every one of you for your participation.

## Curriculum Development Advisory Panel

Christine Binna, Northrop High School  
William Critell, Price Elementary School  
James DellPriore, Northwood Middle School  
Connie Fullerton, Fort Wayne Community Schools  
Christine Michael, Irwin Elementary School  
Amy Strine, Croninger Elementary School  
Julie Williams, CORE  
Jenny Young, Science Central

## Module Review Panel (in addition to the above)

Linda Michael, Region 8 Education Service Center  
Liz Hinks  
Kathy Larsen, Science Central  
Larisa Snyder  
Martin Starr  
Patti Hodges  
Haley Downer

## City of Fort Wayne

Mayor Tom Henry  
Kumar Menon, Director of City Utilities  
Matthew Wirtz, Deputy Director for Engineering  
Matt Land, Deputy Director for Policy and Planning  
Len Poehler, Controller and Deputy Director of Business Services  
John Clark, Deputy Director of Capital Asset Management  
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