

## Region 11 Math and Science Teacher Partnership



### 2014-2015 Life Science – Grades 3 and 5



This five day training will help teacher teams from third and fifth grades develop their content understanding about biological concepts within the elementary MN science standards and how these concepts build and develop across the grades. Teachers will explore a variety of inquiry-based approaches to developing meaningful learning in the biological sciences, in addition to promoting students' scientific practices and reasoning.

Module topics will include:

- **Structure and Function in Living Systems** – teachers will explore characteristics of plants and animals
- **Evolution in Living Systems** - teachers will explore how characteristics of plants and animals change over time and are passed on from generation to generation
- **Interdependence in Living Systems** – teachers will explore ecological relationships within MN biomes
- **Human Interactions with Living Systems** – teachers will explore how human activity disrupts ecological process within MN biomes
- **Integration of Practices of Science and Engineering into Biology**