

2019 Education and Public Outreach

Watershed PREP is a program of the West Metro Water Alliance (WMWA), a consortium of four WMOs including the Elm Creek Watershed Management Commission and the Bassett Creek, Shingle Creek and West Mississippi WMOs, and stands for **P**rotection, **R**estoration, **E**ducation, and **P**revention. 2019 was the sixth year of the program. Two persons with science education backgrounds serve as contract educators to be shared between the member WMOs. The focus of the program is two-fold - to present water resource-based classes to fourth grade students and to provide education and outreach to citizens, lake associations, civic organizations, youth groups, etc.

Fourth Grade Program. Three individual classes meeting State of Minnesota education standards have been developed. **Lesson 1, *What is a Watershed and Why do we care?***, provides an overview of the watershed concept and is specific to each school's watershed. It describes threats to the watershed. **Lesson 2, *The Incredible Journey***, describes the movement and status of water as it travels through the water cycle. **Lesson 3, *Stormwater Walk***, investigates movement of surface water on school grounds. The ultimate goal is to make this program available to all fourth graders in the four WMWA watersheds and to other schools as contracted. The program is offered to public, private, parochial, magnet and charter schools.

Watershed PREP Program participation growth.

| Year | # Classrooms | # Students | # and Type of Schools |
|-----------------|--------------|------------|--|
| <i>Lesson 1</i> | | | |
| 2013 | 63 | 1,679 | 13 in six districts; one charter school; one parochial school |
| 2014 | 116 | 3,469 | 30 in seven districts; one magnet school; one parochial school |
| 2015 | 122 | 3,183 | 36 in nine districts; two charter schools; five parochial schools |
| 2016 | 107 | 2,850 | 29 in seven districts, one charter school, 5 parochial schools |
| 2017 | 121 | 3,249 | 12 in seven districts, one charter school, one parochial school |
| 2018 | 143 | 3,593 | 32 in seven districts, one charter school, 2 parochial schools |
| 2019 | 103 | 2,681 | 27 in six districts, two magnet schools; one parochial school |
| <i>Lesson 2</i> | | | |
| 2013 | 14 | 390 | Three in three districts; one charter school; one parochial school |
| 2014 | 22 | 645 | Five in three districts |
| 2015 | 27 | 859 | Six in five districts |
| 2016 | 20 | 524 | Five in three districts, one parochial school |
| 2017 | 38 | 1,072 | Seven in three districts, one parochial school |
| 2018 | 69 | 1,755 | 16 in five districts, one parochial school |
| 2019 | 58 | 1,516 | 16 in five districts, one magnet school |

2019 schools and students participating in Lesson 1: What is a Watershed?

| Date | School | School Dist | City | Watershed | Classes | Students |
|----------|--------------------------|-------------|----------------|--------------|------------|--------------|
| 2/28 | Hassan | Elk River | Rogers | Elm | 4 | 119 |
| 2/21 | Lakeview Elementary | Robbinsdale | Robbinsdale | Shingle | 3 | 62 |
| 3/25 | Plymouth Creek | Wayzata | Plymouth | Bassett | 4 | 110 |
| 3/27 | Sunset Hill | Wayzata | Plymouth | Bassett | 4 | 116 |
| 4/4 | Neill Elementary | Robbinsdale | Crystal | Bassett | 3 | 68 |
| 4/12 | Gleason Lake | Wayzata | Plymouth | Minnehaha | 4 | 92 |
| 4/30 | Meadow Ridge Elementary | Wayzata | Plymouth | Elm | 4 | 116 |
| 5/1 | Meadow Ridge Elementary | Wayzata | Plymouth | Elm | 2 | 58 |
| 5/3 | Oakwood | Wayzata | Plymouth | Minnehaha | 3 | 84 |
| 5/13&15 | Kimberly Lane | Wayzata | Plymouth | Bassett | 6 | 145 |
| 5/14 | Zachary Lane Elementary | Robbinsdale | Plymouth | Bassett | 4 | 96 |
| 4/30 | Northport Elementary | Robbinsdale | Brooklyn Ctr | Shingle | 2 | 45 |
| 5/14 | Forest Elementary | Robbinsdale | Crystal | Shingle | 3 | 83 |
| 5/21&22 | Rush Creek | Osseo | Maple Grove | Elm | 5 | 127 |
| 9/25 | Noble Elementary | Robbinsdale | Golden Valley | Bassett | 2 | 52 |
| 10/1 | Rice Lake | Osseo | Maple Grove | Elm | 3 | 73 |
| 10/3 | Rice Lake | Osseo | Maple Grove | Elm | 2 | 47 |
| 10/4 | Rice Lake | Osseo | Maple Grove | Elm | 2 | 46 |
| 10/9-10 | Elm Creek Elementary | Osseo | Maple Grove | Elm | 4 | 93 |
| 10/16/19 | Monroe Elementary | Anoka-Henn | Brooklyn Park | W. Miss | 4 | 112 |
| 10/23 | FAIR Pilgrim Lane Magnet | Robbinsdale | Crystal | Shingle | 1 | 24 |
| 10/24 | SEA Magnet | Robbinsdale | Golden Valley | Bassett | 3 | 84 |
| 10/30 | Rogers | Elk River | Rogers | Elm | 4 | 116 |
| 10/31 | Palmer Lake | Osseo | Brooklyn Park | Shingle | 3 | 70 |
| 11/4-5 | Weaver Lake | Osseo | Maple Grove | Elm | 4 | 118 |
| 11/11 | Good Shepherd | Parochial | St. Louis Park | Bassett | 2 | 33 |
| 11/15 | Meadowbrook | Hopkins | Golden Valley | Bassett | 2 | 55 |
| 11/19-20 | Dayton | Anoka-Henn | Dayton | Elm | 3 | 85 |
| 11/21-22 | Oxbow Creek | Anoka-Henn | Champlin | W. Miss | 7 | 191 |
| 11/25-26 | Basswood | Osseo | Maple Grove | Elm | 6 | 161 |
| | | | | Total | 103 | 2,681 |

2019 schools and students participating in Lesson 2: The Incredible Journey

| Date | School | School District | City | Watershed | Classes | Students |
|-------------|--------------------------|------------------------|---------------|------------------|----------------|-----------------|
| 2/27 | Hassan | Elk River | Rogers | Elm | 4 | 118 |
| 2/6 | Lakeview Elementary | Robbinsdale | Robbinsdale | Shingle | 3 | 61 |
| 4/3 | Neill Elementary | Robbinsdale | Crystal | Bassett | 3 | 68 |
| 4/23&24 | Rush Creek | Osseo | Maple Grove | Elm | 5 | 127 |
| 29-Apr | Northport Elementary | Robbinsdale | Brooklyn Ctr | Shingle | 2 | 46 |
| 5/7 | Forest Elementary | Robbinsdale | Crystal | Shingle | 3 | 84 |
| 9/30 | Rice Lake | Osseo | Maple Grove | Elm | 3 | 71 |
| 10/3 | Rice Lake | Osseo | Maple Grove | Elm | 2 | 47 |
| 10/7-8 | Elm Creek | Osseo | Maple Grove | Elm | 4 | 92 |
| 10/14-15 | Basswood | Osseo | Maple Grove | Elm | 6 | 175 |
| 10/22 | Rogers | Elk River | Rogers | Elm | 4 | 118 |
| 10/23 | FAIR Pilgrim Lane Magnet | Robbinsdale | Crystal | Shingle | 1 | 24 |
| 10/29 | Palmer Lake | Osseo | Brooklyn Park | Shingle | 3 | 68 |
| 11/6-7 | Oxbow Creek | Anoka-Henn | Champlin | W. Miss | 7 | 194 |
| 11/8 | Meadowbrook | Hopkins | Golden Valley | Bassett | 3 | 83 |
| 11/12 | Meadowbrook | Hopkins | Golden Valley | Bassett | 2 | 56 |
| 11/18-19 | Dayton | Anoka-Henn | Dayton | Elm | 3 | 84 |
| | | | | Total | 58 | 1,516 |