

FAIRFAX COUNTY WASTEWATER MANAGEMENT OUTREACH PROGRAM

PUBLIC INFORMATION AND EDUCATION AWARD



Fairfax County Wastewater Management Outreach Team



Expose students to the science of protecting water resources through various lab activities



Create original educational videos that correspond to each provided activity



Change behaviors by promoting environmental stewardship concomitantly with community engagement



Students learn to care for the environment, identify sources of pollution, and how they can minimize the risk of issues in their own home

Micros are Everywhere (Grades 3 – 6) | Program length: 45 minutes



The Micros are Everywhere activity introduces students to the microscope and the importance of microorganisms in our environment. Students will learn how microorganisms help clean wastewater. Microscopes CAN be provided; however, they are limited in number and students will need to share. Slides and worksheets will be provided. Standards are:

Science Standards aligned:

- Grade 3: 3.1b, 3.5ab
- Grade 4: 4.1b, 4.3ab, 4.8b
- Grade 5: 5.1ab, 5.9ab
- Grade 6: 6.1b, 6.9d, 6.9abc

Math Standards aligned:

- Grade 3: 3.4abc
- Grade 4: 4.4ad
- Grade 5: 5.4
- Grade 6: 6.5b

WATCH "MICROS ARE EVERYWHERE" VIDEO

Create resources that are structured around Virginia's Standard of Learning objectives that can be utilized among different grade levels