



## You are Invited to the 12<sup>th</sup> Annual NYA 7<sup>th</sup> Grade Royal River Presentation!

Thursday, November 29, 2018 from 6:00–7:30 pm

PSMS Community Room

★ RSVP: [dbarschdorf@nya.org](mailto:dbarschdorf@nya.org) ★

The seventh grade science classes at NYA have been doing a lot of field science and research to survey the biodiversity and water quality of the Royal River in Yarmouth. The project includes four major parts:

- **External Anatomy of a Fish:** Functions of Anatomy, How to Catch Fish Using a Seine Net, and Biodiversity of Fish in the Royal River.
- **Internal Anatomy of a Fish:** Functions of Anatomy, How to Dissect a Fish, and Comparisons of Fish Anatomy to Human Anatomy.
- **Macroinvertebrates:** Define, How to Collect Macroinvertebrates Using a D-Ring Net, and Biological Water Quality Results of the Royal River.
- **Chemical Water Quality and Turbidity:** How to Test, Meaning of Tests, and Water Quality Results of the Royal River.

The students will prepare presentations about how they surveyed the Royal River and the results that they found. We will start the evening at **6 pm in the Community Room** of the **Middle School** with introductions and then audience members will move to **Room 612** (Danielle Barschdorf's classroom) or **Room 611** (Erika Sahlman's classroom) in the **Science Building** to observe and be a part of each presentation. There will be four presentations, each lasting about 15-20 minutes. There will also be a special **slide show** of students carrying out their field work at the end! It is sure to be an exciting and educational evening!

**Important:** Please **RSVP** with the total number of attendees to Danielle Barschdorf at [dbarschdorf@nya.org](mailto:dbarschdorf@nya.org) as soon as you can – just so I can have an idea about numbers. Anyone is welcome to attend – the more the merrier! Please use the following Google Doc link if you would like to **sign up** to bring snacks or drinks for the evening. **Thank you so much!**

<https://docs.google.com/document/d/1gpDLCrEvd3SbjeLQYQM1gOb4swNFMmSlclUF Dw-jbE/edit?usp=sharing>