

science teaching network



TEACHER PROFESSIONAL DEVELOPMENT | Summer Institute and Classroom Instructional Resources

Partner with Nature Museum educators and scientists to incorporate real world science, authentic learning opportunities, and unique resources into your classroom instruction.

Teachers in grades **K-1**, **3-5**, and **6-8** are invited to join the Peggy Notebaert Nature Museum's 2022 Science Teaching Network, a grant-funded teacher professional development program focused on best practices in science instruction, the Next Generation Science Standards, and locally relevant nature and science topics.

PROFESSIONAL DEVELOPMENT HIGHLIGHTS

- Attend a **Summer Institute** at the Nature Museum to explore an NGSS-aligned curriculum and make connections to local ecosystems.
- Receive an **NGSS-aligned nine-lesson unit** with all curriculum and implementation materials.
- Take a **fully-funded field trip to the Nature Museum** and receive a bus reimbursement.
- Observe one **Nature Museum educator-taught lesson** in your classroom.
- Participate in **three Saturday PD workshops** to support curriculum implementation, reflection on science teaching practices, and teacher collaboration (September, November, January).
- Earn a **stipend of up to \$200** and up to 36 professional development clock hours.



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Apply for a cohort based on the grade you teach!

GRADES **K 1**

Nature on the Block (July 25–28)

NGSS: K-ESS2-2, K-ESS3-3, 1-LS1-1

Explore how local plants and animals survive in their environments by using various structures to meet their needs and change their surroundings.

GRADES **3 4 5**

Conservation on Location (C)* (August 1–4)

NGSS: 3-LS1-1, (3-LS4-4), 4-LS1-2, 5-ESS3-1

Join conservation scientists at the Nature Museum as they monitor endangered species, and work to improve local ecosystems and increase these animals' chances of survival.

GRADES **6–8**

Plants, Matter, Energy! (C)* (August 8–10)

NGSS: MS-LS1-4, MS-LS1-5, MS-LS1-6

Investigate the complex role of plants in their ecosystems. What processes do plants use to cycle energy and matter in their environments? How do interactions sustain both plants and animals?



***(C) = Connected** Curriculum is designed especially for 1-to-1 digitally-equipped classrooms in which each student has individual access to a digital device in every session. The curriculum relies on direct student engagement with documents, images and media that are included in digital form. These curricula also include hands-on cooperative learning activities and in-person visits by the museum educator.

APPLY TODAY!

To participate, teachers must apply and be selected to enroll. Priority is given to teams of two or more teachers in historically under-resourced schools. Each teacher must submit a separate application. Application deadline is May 27.

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