



BRING HANDS-ON LESSONS IN ENGINEERING AND COLLABORATION TO YOUR OUT OF SCHOOL TIME PROGRAM!

NO-COST PROFESSIONAL LEARNING & MATERIALS FOR NORTHSIDE OST EDUCATORS



PROGRAM INFORMATION

From ball field to the bike trail, helmets keep us safe. But how do they work?

Through ASSET's **STEM From Square One** program, Northside OST educators will receive hands-on materials and professional learning in how to facilitate the *Engineering is Elementary* unit, "Put a Lid On It: Engineering Safety Helmets."

In this unit, grade 6-8 students will learn about how different helmets are built and how they protect the brain. Working together, they will use the Engineering Design Process to design and crash test their own helmet.



WHO

Northside OST Providers
Serving Grades 6-8



WHEN

January 16th & February 28th 2020
12:00 p.m. – 3:00 p.m.



WHERE

Carnegie Library of Pittsburgh
1230 Federal Street
Pittsburgh, PA 15212

PARTICIPATING ORGANIZATIONS WILL RECEIVE:

- Hands-on learning materials from *Engineering is Elementary*, which can provide 6-10 hours of programming to learners in grades 6-8. A \$600 value. Groups serving a large number of students may receive more than one kit, as supplies last.
- One-half day (three hours) of educator professional learning to increase understanding around the engineering design process and explore strategies to foster engagement, collaboration, and creativity. Up to 3 educators per organization may attend the session. Act 48 credits available.

This program is provided at no cost, thanks to a generous grant from the Frick Fund of the Buhl Foundation.

LEARN MORE & REGISTER:
www.assetinc.org/squareone