

ACRES

Afterschool Coaching for
Reflective Educators in STEM

a project of



MMSA
Maine Mathematics
and Science Alliance

COACHING AND PROFESSIONAL
LEARNING OPPORTUNITY FOR:
FACILITATING STEM LEARNING

Modules

Foundational Module: For New ACRES Participants

Asking Purposeful Questions

Explore how asking questions can begin a path toward discovery and STEM exploration

Modules for Returning ACRES Participants

Nurturing STEM Identities and Making Career Connections

Implement strategies to help youth recognize their connection to and role in STEM

Make Math Engaging

Explore and practice strategies for making math engaging and accessible

Facilitating Science Practices

Ensure that 'hands on' science experiences for youth are also 'minds on'

Elevating Youth Voice and Choice

Incorporate a greater variety of youth input by trying out new strategies

Facilitating Engineering Practices

Bring engineering into programming and support youth as they engage in problem solving

Virtualizing Your Programs & Activities

Reflect on what you can do to virtualize your out-of-school STEM offerings