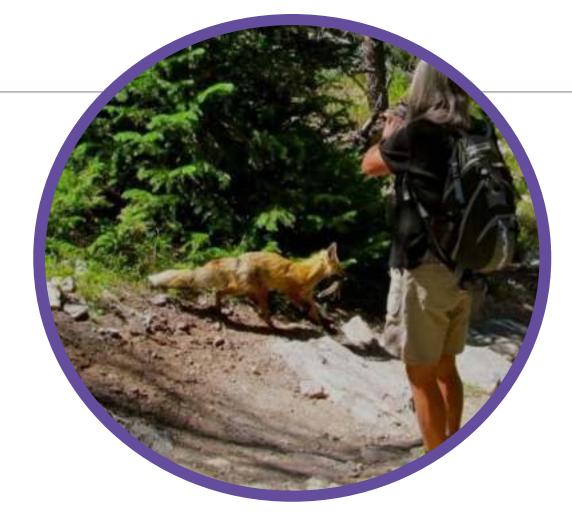


Introduction to STEM

Meet Your Trainer

- Wunita Gokhos 39
- Lancaster County, PA
- Passionate about STEM in the outdoors
- Spent a lot of summers in Colorado because my Mom lived southwest of Denver



Beth Katz

Meet Your Trainer

- Takhone 7
- Palatine, IL
- Passionate about Scouting and STEM related activities
- Spent a lot of time fishing in various areas of Canada



Norm McFarland

Learning Objectives

- 1. Awareness of existing STEM aspects of Scouting
- 2. Ability to share ideas for simple fun activities in unit and lodge
- 3. Knowledge of where to look for additional information





Online STEM Training

Let's start with an available resource:

https://www.scouting.org/ stem-nova-awards/volunteer-support/

"What is STEM" Powerpoint

Ways we use STEM in OA

Science: recognize nature and our connection to it, conservation projects, weather contingencies

Technology: social media, webmaster, communicating effectively, digitizing records

Engineering: teamwork, planning, building fires that can be lit and burn well

Math: kitchen expenses, amounts for ordeal clans, contingent planning, arrow trajectory



Simple STEM Activities

Science

Technology

Engineering

Math

ROT-13

letter is encoded/decoded from one above/below encode your first name

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

- why 13?
- what other options?



Making STEM more visible to Members

- Mention STEM aspects
- Don't hide planning
- Have fun STEM activities

Making STEM more visible to Others

- Become stealth STEM evangelist
- Be a Den Chief for Cubs (recruiting)
- Talk about fun OA STEM activities

Identify Resources

- Talk with STEM people in your lodge
- Contact merit badge counselors
- Consider local schools (trade and college)
- Reach out to businesses
- Connect with local organizations



Takeaway Challenge

What role will you play in the next year to make STEM more visible in your lodge, chapter, and units?
Who might you reach out to as a STEM resource?



