

NOAC 2024

CU Boulder



SEEK NEW HEIGHTS

# Introduction to STEM

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# 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/](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

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- 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?

