



Think Make Create (TMC) Works! STEM Supervisor Orientation

AGENDA

- 1.TMC Labs and TMC Works
- 2. Your responsibilities
- 3. Ambassador responsibilities
- 4. Working with teens
- 5. Training
- 6. Resources
- 7. User reports and paperwork
- 8. Extended opportunities



TMC LABS

- TMC Leadership Team successfully launched the first 16 labs in May 2021.
- 28 TMC Labs on the road in 2023.
- More than 50,000 youth have used the labs so far.
- Each month, approximately 1,000 K-8 youth use TMC Labs.



Increase hands-on experience of rural and underserved youth with skills related to STEM.





Increase professional experience of educators in rural and underserved communities leading hands-on activities.



Increase community
engagement
supporting STEM
learning and
workforce
development.

WORKFORCE DEVELOPMENT TRAINING FUND:

Funding Source: Idaho WDC

Innovation Grants fund local workforce development projects, providing skills training and career connections to address employer-identified skill gaps and promote economic mobility, job creation, and innovation.



TMC WORKS!

Purpose

Support 250 participants, both teens and adults, gain real-world workplace skills and experience and credentials in child development, instructional methods and STEM-related careers.







GOAL 1

Meet the needs of 20 OST employers for more STEMliterate apprentices and employees



GOAL 2

Increase
apprenticeshipreadiness and job
readiness of 250
teenage and adult
workers



GOAL 3

Increase STEMreadiness of the
overall Idaho
workforce through the
work of STEM
Ambassadors and
STEM Supervisors

ION CONTACTS AND ROLES

Amy Post

TMC Labs Project Coordintor

- Training
- Site support
- Leading Training and Placement Team
- Educational Resources

Natalia DiGiosia

Grants and Compliance Coordinator

- MOUs
- Tax ID submission
- Invoice reports
- Compliance

Anna Almerico

Senior Program Director

- Program planning and oversight
- Outreach

Tina Gosselin

Program Assistant

- MOUs (Memorandum of Understanding)
- Issues Payments

ROLES: STEM SUPERVISOR

- Recruit ambassadors
- Train ambassadors
- Supervise & coordinate ambassadors
- Schedule and supervise STEM sessions
- Mentor & coach ambassadors
- Complete 20 hours training
- Complete user reports (or have ambassadors do them)
- Order supplies
- Turn in receipts
- Outreach for worksite visits
- Assign and supervise final projects

Must submit TINs/SSNs to receive \$750 stipend (can only do once)

In charge of running the program!

ROLES: STEM AMBASSADOR

- Learn STEM by teaching STEM to younger children
- Contribute to STEM program at your facility
- Develop workplace skills
- Explore future career options
- Complete 20 hours training, 80 hours placement
- Optional: visit a STEM workplace, participate in Youth Council
- Can be employees, volunteers or program participants
- Must submit TINs/SSNs to receive \$750 stipend



WORKING WITH TEENS

Why?

- Relate well to younger kids
- Bring energy and enthusiasm
- Younger kids look up to teens
- Mentor relationships
- Role model what a STEM near-future looks like

How?

- Recruit where they are: schools, career fairs, work with teachers
- Be flexible with schedules
- Teens are busy and have more important commitments
- Can't be alone with kids unless your organization allows it
- Coach them on group management, boundaries, communication
- Give them space, clear boundaries

TRAINING

STEM Supervisors

- Online orientation (1 hr)
- Train the Trainer (4 hrs)
- Online courses aligned to learning goals

STEM Supervisors training
STEM Ambassador training
Better Kid Care LMS
Learning Academy

STEM Ambassadors

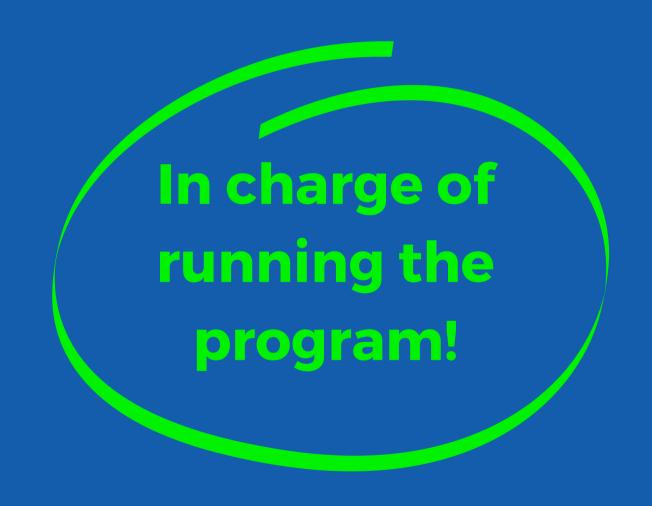
- Online orientation (1 hr)
- Online introductory courses (4 hrs)
- Plan, Prep and Lead STEM activities (3 hrs)
- Optional: STEM facilitation reflection (1-2 hrs)
- Online courses aligned to learning goals

ONLINE RESOURCES & FORMS



TMC For Educators Page

- Activity Guide/LiveBinder
- Stocking List
- Lab Use Tracking Form
- Restocking Report
- <u>User Report</u>
- Paper User Report



EXTENDED OPPORTUNITIES

STEM Worksite Visits

- Ambassadors will...
 - Explore an area of interest
 - See what a worksite looks like
 - Learn steps for entering that industry/worksite
 - Meet people at the worksite

Youth Council

- Ambassadors will...
 - Connect with other young people with the same job and interests
 - Grow professionally
 - Share successes
 - Attend Power Up! Summit
 OR complete a final project

FINAL PROJECTS (OPTIONAL)

Power Up Summit panel

- Underrepresented youth
- Talk about, how accessible is programing?
- Speaking in front of 250 people
- September 18, 2024
- 9:15-10:15
- ION pays for travel

Other Options

- Create your own activity
- Write a newsletter article
- Guest presenter at Shop Talk
- Create media on worksite visit