



TMC Works Activity Learning Plan



Activity:

Date:

Time:

Location:

Staff:

Planned # of youth:

Age/grade:

Learning Goals

Youth will know how to...

Youth will know that...

Materials needed:

Materials prep:

Site set-up:

DO (Hands-On)

- How will you facilitate the activity? Write out *your* actions step-by-step.
- What STEM content (key terms and/or concepts) do you want to introduce?

REFLECT (Minds-On Discussion)

- Have youth describe what they just did.
- Ask youth, what worked and what didn't work? Why?
- Ask youth, what did you learn?
- Make connections to learning goals, STEM content.

APPLY (Hands-On/Minds-On)

Discuss any or all:

- How can students use what they learned elsewhere?
- How does this experience relate to youths' lives or future?
- Are these skills used in a potential future career?
- What could youth invent with their designs?

And/or:

- Have youth tinker with their designs to improve them or get a different outcome.

Back-up plan:

Clean-up notes: