

GENERAL INFORMATION

Project Title

**Project
Description**

Provocation

Subject:

Grade:

Class Size:

Duration:

MATERIALS

Tinker

Make

Innovate

LEARNING GOALS

Subject Matter Understanding
(STEAM, Language Arts, Social Studies Content)

Subject Matter Skills
(STEAM, Language Arts, Social Studies Skills)

Making Skills
(Fabrication: woodworking, circuitry, 3D printing, and textiles)

Mindset Skills
(Flexible Thinking, Communication, Grit, Collaboration,
Perseverance, Creativity, Frustration Tolerance)

**Common Core Standards
Addressed**

**Next Generation Science
Standards Addressed**

TINKER

Prompt

Activity Name

Activity Summary

Activity Step

Research

Activity Name

Activity Summary

Activity Step

Brainstorm

Activity Name

Activity Summary

Activity Step

MAKE

Activity #1

Name

Summary

Steps

Activity #2

Name

Summary

Steps

Activity #3

Name

Summary

Steps

Activity #4

Name

Summary

Steps

Activity #5

Name

Summary

Steps

INNOVATE

Brainstorm

Activity Name

Activity Summary

Activity Steps

Ideate

Activity Name

Activity Summary

Activity Steps

Prototype

Activity Name

Activity Summary

Activity Steps

Present

Activity Name

Activity Summary

Activity Steps