

# Makerspace Content Project Ideas

## 1. Social Studies

1. Relief Maps
2. Communities
3. Buildings, landmarks
4. Castles - historic meeting points
5. Chess pieces with historic figures on them
6. Ancient civilizations
7. Mayan and Aztec Civilization
8. Historical building & monuments
9. Create your own monument
10. Replicas of cities & towns
11. A walk through ancient civilization

## 2. Design & Engineering

1. Bridges
2. Cars, wheels
3. New tools for specific purposes
4. Products to help someone
5. Tool Holder/Organizer
6. Wind Turbines-The Boy who Harnessed the Wind
7. Solar Panel Holders
8. Simple Machines
9. Rollercoasters
10. Rocket
11. Airplanes
12. Communities
13. Buildings
14. Trains
15. Container, holders, boxes
16. Products for elders
17. Products for disabled

## 3. Family & Consumer Science & Health Science

1. Cookie Cutters
2. Food Trucks
3. Utensils Redesign
- 4.
5. Butter, ice, gelatin molds
6. Prosthetics
7. Medical Devices
8. Measuring Cups
9. Child toys

## 4. Literacy

1. Snowflake Bentley - SnowFlake Generator
2. Connections to help a character in a story.
3. Build a world from the storybook
4. The Book with No Pictures make 3D models
5. Solutions for character issues
6. Recreations of settings
7. Digital Portfolios
8. Comics
9. Build a Poem

## 5. Art & Theater & Music

1. Picture Frame
2. Shapes/Artwork
3. Stamps
4. Utensil holders
5. Characters for stop motion animation
6. Jewelry
7. Ceramics
8. Clay
9. Musical Instruments
10. Set Design
11. Props
12. Wearables
13. Lighting Tunnels
14. Escher Tiles
15. Pottery/Ceramics
16. Create a music instrument

## 6. Math

1. 2D/3D shapes
2. Fractions
3. Volume of irregular shapes
4. Representations of equations
5. Graphical visualizations
6. Manipulatives
7. Tangrams
8. Archimedes Principle
9. Bernoulli Principle
10. Puzzles
11. Pi City
12. Area/Perimeter House design
13. Graphing in 3D

## 7. Science

1. Insects
2. Weather patterns/clouds
3. Body parts
4. Enable Foundation
5. Extinct animals
6. Maze's for animal
7. Fossils
8. Habitats for animals
9. Hydroponics
10. Solar Homes
11. Animal Habitats
12. Cell representations
13. Models of DNA or chemical structures
14. Representations of systems
15. Space exploration vehicles