

# 1st Grade MakerEd Curriculum

## Year-Long Thematic Focus: Building

### Guiding Questions:

1. What skills does a builder need?
2. What tools does a builder use?
3. What materials can we use to build things?
4. What are the attributes of these materials?
5. How do we use these skills, tools, and materials?
6. How do we know what skill, tool, and/or material to use for a task?
7. What are some common structures and how are they made?
8. How do I dream up things to build?
9. How do I plan a building a project?
10. How do I make my dream projects into a reality?
11. How do I know that my project was successful?
12. How can I share what I've built, how I built it, and what I learned?

Week	Topic
1	Journal Making & Paper Intro
2	Paper - folding and creasing
3	Tape 101
4	Glue 101
5	Other Fasteners
6	Paper - show me what you've learned project
7	squares
8	rectangles
9	triangles
10	Cardboard - testing & cutting
11	Cardboard - connecting

	Cardboard - show me what you've learned project
12	Straws & wire
13	Fabric - sewing basic
14	Fabric- designing felted friends
15	Fabric - sewing felted friends
16	Fabric - sewing felted friends
17	Fabric - sewing felted friends
18	Fabric - felted friend books
19	Measuring Fundamentals
20	Measuring Fundamentals
21	Wood - types and sanding
22	Wood - nails and screws
23	Wood - project
24	Wood - project
25	Fort Building Challenge
26	Tower building challenge
27	Bridge building challenge
28	Reading & brainstorming ideas for a dream bedroom
29	Floor plans and color boards for dream rooms
30	Floor plans and color boards for dream rooms
31	Build and decorate dream rooms
32	Build and decorate dream rooms
33	Build and decorate dream rooms
34	Build and decorate dream rooms
35	Build and decorate dream rooms
36	Write & illustrate dream room stories

	Write & illustrate dream room stories
	Share dream rooms & stories

Week 1 - Paper: testing, tearing, and rolling

Week 2 - Paper: folding & creasing