



Summer CAMP

STEAM Camp 2023

Weekly Theme

Tuesday

Thursday

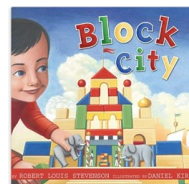
Block City

Key Concepts:

Planning & Carrying Out Investigations
Understanding Location & Position
Using Location & Positional Vocabulary
Explaining & Communicating Ideas

6/6

What Is STEAM?
Creating Block Cities
Building Skyscrapers



6/8

Engineers & Engineering
LEGO Cities
Cardboard Building Challenge



The Very Hungry Caterpillar

Key Concepts:

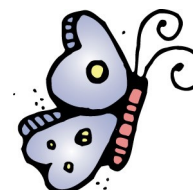
Expressing Wonder & Curiosity
Observing, Investigating, & Describing Living Things
Showing Respect For Living Things
Describing & Comparing Basic Needs For Living Things

6/13



Butterfly Life Cycle
Raising Caterpillars
Entomology Research Lab

6/15



Butterfly Facts
Butterfly STEM Challenge
Butterfly Shadows

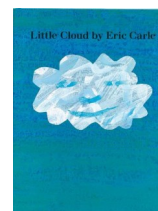
Little Cloud

Key Concepts:

Planning & Carrying Out Investigations
Using Weather Vocabulary To Observe/Discuss Changes
Expressing Geographic Thinking
Using Tools For Investigations

6/20

The Water Cycle
Weather
Meteorologists



6/22

Rain Cloud Experiment
Types of Clouds
Rain / Gravity

Not A Box

Key Concepts:

Recognizing & Naming Common Shapes
Recognizing & Naming The Faces Of 3D Shapes
Sorting Collections Of Shapes
Combining Shapes To Create New Shapes

6/27



Cereal Box Ramps
Not A Box
2D Shapes

6/29



Foosball STEM Challenge
Giant Building Blocks
3D Shapes



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The Tiny Seed

Key Concepts:

Observe, Investigate, & Describe Living Things
Describe & Compare Basic Needs Of Living Things
Simple Ways To Take Care Of The Environment
Expressing Wonder & Curiosity

7/4

No Camp

Happy Independence Day!



Thursday

7/6

Plant Life Cycle
Seed Investigation
Parts Of Plants

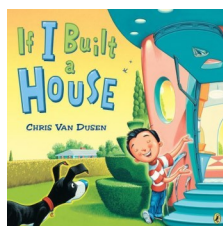


If I Built A House & If I Built A Car

Key Concepts:

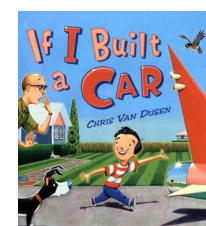
Using Comparison Vocabulary
Accurately Determining Which Has More
Recognizing & Naming Common Shapes
Combining Shapes To Create New Shapes

7/11



Imagination
Collaborative Building
Magna-Tiles

7/13



Brainstorming
Rubber Band Powered Cars
Kid K'Nex

The Dot

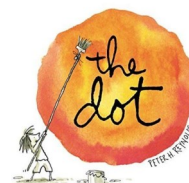
Key Concepts:

Making Predictions
Discussing Illustrations
Using Writing Tools & Materials
Recognizing, Duplicating & Extending Patterns

7/18

Colors

Fizzing Color Exploration
Dot to Dot



7/20

Color Mixing Challenge
Primary & Secondary Colors
Patterns



Rosie Revere Engineer & Iggy Peck Architect

Key Concepts:

Describing Common Jobs
Exploring Use Of Measuring Tools
Thinking About Spatial Orientation Of Shapes
Understanding Of Location & Position

7/25



Engineering
Exploring Loose Parts
Inventions

7/27



Architecture
Blueprints
Constructing Towers