



SUMMER STEM CHALLENGES

THINK. BUILD. SOLVE. CREATE.



★ Use your creativity and problem-solving skills to complete each challenge! ★

1. TOWER CHALLENGE



Build the tallest tower you can using only index cards or paper. How tall can you go?

Materials I used: _____

How tall was your tower? _____

2. PAPER BRIDGE



Build a bridge using paper and tape that can hold as many coins as possible.

Materials I used: _____

How many coins did it hold? _____

3. BOAT CHALLENGE

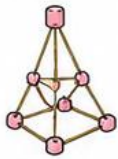


Design and build a boat that can float and hold the most pennies without sinking.

Materials I used: _____

How many pennies did it hold? _____

4. TALL STICK TOWER



Build the tallest free-standing tower using spaghetti sticks and marshmallows.

Materials I used: _____

How tall was your tower? _____

5. EGG DROP



Create a container that will protect an egg from a high drop. Will your egg survive?

Materials I used: _____

Did your egg survive? ☐ YES ☐ NO

6. CATAPULT CHALLENGE



Build a catapult using popsicle sticks and rubber bands. How far can you launch your projectile?

Materials I used: _____

How far did it launch? _____

7. BUILD A SHELTER



Design and build a shelter for a small toy or object using only natural materials.

Materials I used: _____

What did you learn? _____

8. BALLOON CAR



Build a car that moves forward using only a balloon for power.

Materials I used: _____

How far did your car go? _____

9. WATER FILTER



Create a simple water filter that cleans dirty water using different materials.

Materials I used: _____

What did you observe? _____

REFLECTION



★ What challenge was your favorite?

★ What was the hardest part?

★ What did you learn?

DRAW YOUR FAVORITE CHALLENGE



I AM A STEM STAR!

I used my brain, creativity and teamwork to solve problems and complete amazing challenges!

Great job! 😊



Remember: It's not about being perfect, it's about trying, learning and having fun! ✨❤