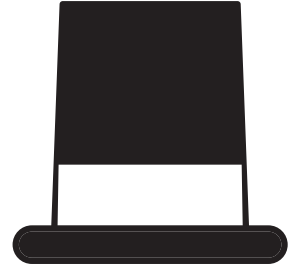


JR-ENGINEERS

STACK THE CAT'S HAT

ENGINEERING CHALLENGE

JOIN THE CHALLENGE AND FIND OUT HOW TALL YOU CAN STACK YOUR HAT!



Encourage your kids to use their design and engineering skills to build the tallest tower they can, out of cups and paper.

Supplies: Large plastic cups and small plastic cups, construction or computer paper or index cards

Time Constraint: 30 minutes (or more if time allows)

Extend the challenge: Use a timer and see who can make a 2 foot tall tower in the fastest amount of time.

What else can you find to stack the cat's hat?

Why do we use the paper squares for this cup stacking challenge? The paper squares create a stable base to help disperse the weight of the cups.

To some extent, gravity helps to keep the tower up if the weight is properly distributed! What happens when it gets top heavy? Gravity can also make the tower topple over. We got to see both in action quite a few times.



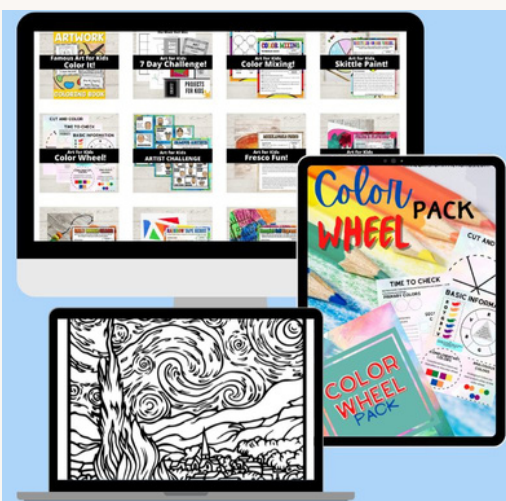
LITTLE BINS^{inc.} FOR LITTLE HANDS

Are you ready to . . .

- ✓ Find manageable science, engineering, and art projects that kids love doing and are budget-friendly.
- ✓ Stop entering your email address over and over for each activity.
- ✓ Spend less time prepping with our easy instructions, templates and supply lists.
- ✓ Spend more time engaging with your students, groups or kiddos.



CLICK HERE TO JOIN



Meet the Little Bins for Little Hands Duo!

Hi! My name is Sarah, and this is my son Liam. He's actually 13 now. We still LOVE playing around with science and STEM at home.

I shared a simple baking soda and vinegar science activity ten years ago with him. Since then, we've been hooked! Together we have enjoyed 100s of science experiments that are low cost, easy to set up, and just plain FUN!

I always aim to provide the BEST science activities and STEM projects that fit your time and budget! We hope you enjoy the materials we have put together for you today!

~Sarah and Liam

