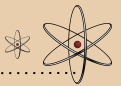


Tipsy Tower

Engineering Challenge



Recipe for Science: Engineering & Design



Materials: Raw spaghetti, toothpicks, straws, chewing gum, marshmallows, tape measure

Directions: Challenge the young engineers to make the tallest tower that they can using the different materials. Give them time to experiment with how they want to build their tower. Depending on the age level, they may need assistance designing a strong foundation. Help them work through any frustration if their tower falls over and they have to start over. Encourage them by keeping track of how tall their tower becomes. For younger engineers, practice numbers while measuring their towers. For older engineers, have them measure and document the geometric shapes they used to make their towers tall and sturdy.

An Extra Step: Make it a team building activity by having youth work together to build their tower.



SEEDS is passionate about engaging the natural curiosity of youth with science, nature, and art. Please enjoy these hands-on activities with your children and students.

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