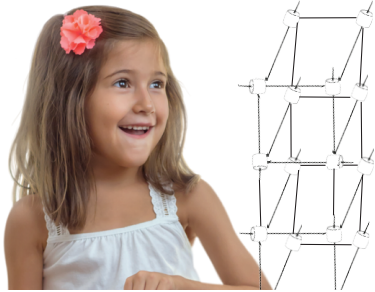


SPAGHETTI TOWER

You have 30 minutes to complete your mission of building a Spaghetti Tower. Your objective is to construct a tower as high as possible using spaghetti and marshmallows. Materials are available to you in limited supply and only these specific items may be used. Pieces of spaghetti may be broken into desired lengths.

Good luck!

This activity encourages the design mindset and supports basic engineering principles including compression and tension. While practicing design processes, you're thinking, doing, and prototyping. Creating Spaghetti Towers allows you to apply the fundamental skills and tools of science - observation and measurement!



Isn't science fun? If you're up to the challenge, test the strength and stability of your tower by introducing it to outside influences, such as wind, rain, and force! Measure and record the strength and amount of weight the structure will hold. Learn from your findings, redesign, and share your solutions!

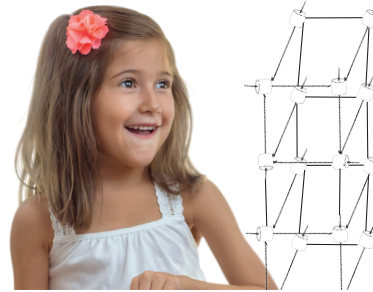
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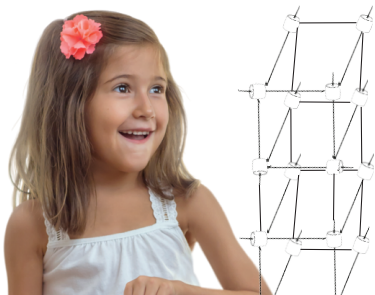
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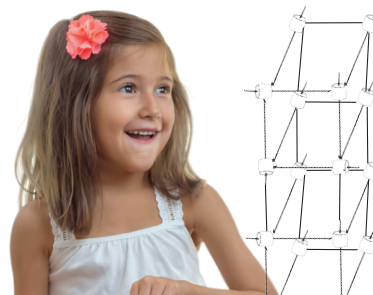
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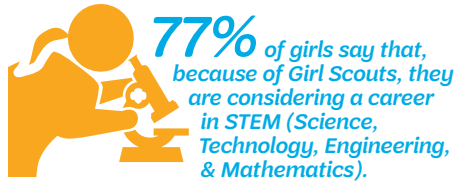


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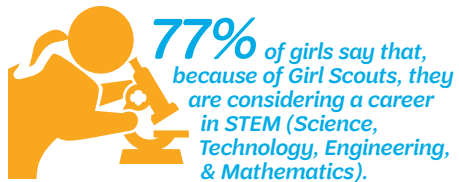
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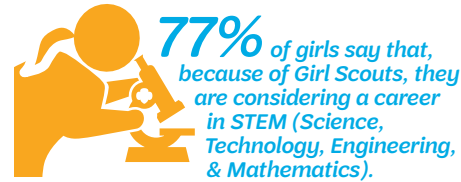
The learning pyramid shows that people retain about 5% of information by hearing about it, 10% by reading about it, 30% by seeing it, and 75% by doing it themselves. When kids get their hands on exciting activities, it can inspire them to learn.



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