

## FORTUNE FISH

**Directions:** Take the Fortune Fish out of the bag and place it in the palm of your hand. Watch it curl, twist, and bend in different ways (unique to every person)! What does its twisting shape mean? The bag in which the Fortune Fish was in will determine your fortune! So, are you jealous, fickle, passionate, or something else?

Spoiler! - The secret of the twisting Fortune Fish lies in the moisture of your hand...

**Polymers** are long chains of chemicals found almost everywhere in nature. Polyacrylic acid, a type of superabsorbent polymer commonly used in baby diapers, is very sensitive to moisture. Fortune Fish are made from this type of long-strand polymer. The material within the red plastic fish tends to 'grab' water molecules and, without absorbing them, attaches itself forcing the water molecule to change shape. Through the forceful altering of the water molecules, to which the polymers are attached to, the Fortune Fish changes its shape. When you put the fish back in the bag, the water evaporates and it becomes flat again!

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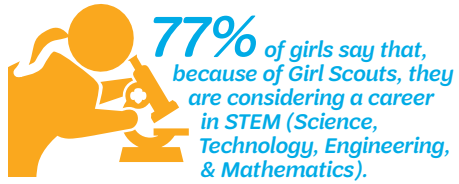
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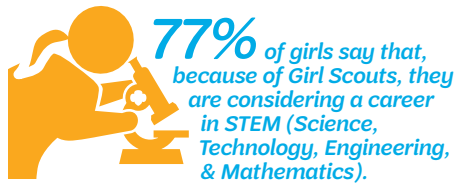




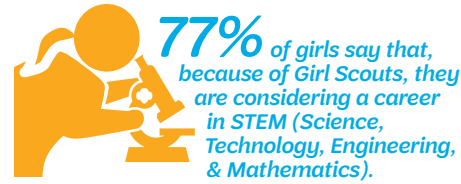
*The learning pyramid shows that people retain about 5% of information by hearing about it, 10% by reading about it, 30% by seeing it, and 75% by doing it themselves. When kids get their hands on exciting activities, it can inspire them to learn.*



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