

## **INSTA - SNOW**

**Polymers** are long chains of chemicals found almost everywhere in nature. Certain types of polymers, called PROTEINS, make up hair, feathers, cartilage, and other body parts. Other types, called CELLULOSE, make up wood, leaves and other plant parts. Some polymers, such as plastic, can be made in factories.

Polymers soak up water using the process of osmosis (water molecules pass through a barrier from one side to the other). When water comes in contact with the polymers, it moves from the outside of the polymer to the inside and causes it to swell. The polymer chains have an elastic quality, but they can stretch only so far and hold just so much water.

**Directions:** Just mix a scoop of powder with a few drops of water to make an eruption of fluffy snow that lasts for weeks. You won't believe your eyes when you create your own insta-snow. It's safe to touch, non-toxic, and guaranteed to amaze your friends!

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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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