

A STEM in the Park

Take Home Activity

STEM

in the **PARK**™

Science, Technology, Engineering, and Mathematics

Fun with Insta-Snow®

What You Need

- Clear cup
- Water
- Insta-Snow® (from www.StevespanglerScience.com)
- Dropper



Investigate...

Sprinkle a small amount of Insta-Snow® powder in the bottom of a clear cup.

Using a dropper, drop water slowly over top of the until you see the “fake snow” begin to fluff u. Run your fingers through the snow. How does it feel?

Over time, the “snow” will evaporate and will turn into the dry powder....ready for you to add more water.

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Learn...

Insta-Snow® is a fine, white powder known as sodium polyacrylate. It is a variation of the superabsorbent powder found in the lining of baby diapers. This superabsorbent polymer turns ordinary water into fluffy “snow”. The fake snow is so realistic that it is now being used in indoor snowboarding parks throughout the world. Insta-Snow® will not melt or become icy. It feels cold because the water in the flakes evaporates creating a cool sensation.

Insta-Snow® is non-toxic safe to touch and explore with your fingers. It is recommended for ages 4 and up. Caution: Do not put Insta-Snow® in your mouth or eyes. If it gets in your mouth or eyes, flush with generous amounts of water.

Try At Home:

- Experiment with different amounts/ratios to find the snow you like.
- Dissect a baby diaper to explore the polymer hiding inside.
- Pour a little salt into the fake snow. Within seconds, the snow appears to melt. Why? Salt breaks down the polymer and releases waters.
- **Where can you buy Insta-Snow®:** Visit Steve Spangler Science: www.SteveSpanglerScience.com Here you will find Insta-Snow® as well as numerous cool science things to explore with your family and friends!
Check it out!!

This activity is brought to you by the Bowling Green Early Childhood Learning Center.

