

## Episode 3: Making Snow Experiment



*Real snow is made from water and forms in clouds and in the air when it's very cold... at or below freezing. There's snow place like home to create your own winter wonderland! Find out how to make your own snow with Alex using bi-carb soda and hair conditioner. Explore how mixing two ingredients can create a solid that can be moulded and crumbled just like real snow.*

**Scientific concept:** Creating mixtures and chemical reactions.  
**Science process skills:** Measuring and predicting.  
**Let's investigate:** *Can you make snow that isn't freezing cold?*

### Materials

- Bowl
- 1kg bi-carb soda
- ½ cup hair conditioner

### Experiment procedure

1. Place bi-carb soda in a large bowl.
2. Add hair conditioner. Mix with a spatula or your hands to create 'snow'! If it feels too wet, add a bit more bi-carb soda. If it feels too dry, add a little bit more hair conditioner.
3. Pour your homemade 'snow' onto a tray and create your very own winter wonderland! You could make a snowman and decorate with twigs (for arms), orange pipe cleaner piece (for nose), sultana eyes and a piece of material for a scarf. Add trees (made from recycled materials) and toy animals to your small world play.



### Early Education links

Episode themes relate to [EYLF Learning Outcomes](#) 4.1, 4.2 and 5.3. This sensory play experiment supports children to make meaning about scientific concepts through the creative arts.

Encourage children to problem solve by deciding if they need to add more bi-card soda or hair conditioner, to ensure their 'snow' moulds successfully. Invite children to build snowmen, mould mountains, make snowflake shapes and explore concepts of capacity through this *winter wonderland* play.

### Follow-up learning

- Discover where it snows in Australia and how snowflakes are made by downloading the [Wonder Gang: Wonder Cards](#). Suggestions for ways to make snowflake shapes on canvas can be found on Wonder Card #11.
- For more sensory experimentation and fun, try making slime. Type 'simple and safe slime' into your search function for suitable recipes.

