

For every experiment you do, you can collect 3 merits. Want more options? Check out our Science Sparks Elf and Santa ideas for more things to do



<p>Tracking Santa</p> <p>Look up the official Santa tracker-follow Santa and take a picture</p>	<p>Colourful Candy</p> <p>Dissolve skittles in water to make a Christmassy pattern or shape</p>	<p>Candy Engineering</p> <p>What can you build for Santa with sweets and cocktail sticks of spaghetti?</p>	<p>Dancing Candy Canes</p> <p>Mix bi-carbonate of soda and vinegar in a large bowl add the candy cane and watch them dance!</p>
<p>Snowball run</p> <p>Using cardboard tubes create a snowball luge to race a snowball!</p>	<p>Minty choc leaves</p> <p>Melt chocolate and pour onto mint leaves. Leave in the fridge – what do you notice?</p>	<p>Ice Decorations</p> <p>Place water into shaped mould and freeze. How can you make the decorations more exciting?</p>	<p>Design a Christmas Tree</p> <p>Use items from the recycling bin to create an eco Christmas tree</p>
<p>Paper Chains</p> <p>Build a giant paper chain the length of the room! Can you change the shape of the chain?</p>	<p>Wrapping paper bridge</p> <p>Build a bridge using used wrapping paper and tape. Test it out!</p>	<p>Snowman Catapult</p> <p>Design and build a catapult to fling snowballs! Use cotton wool balls to test it out!</p>	<p>Parachute for Santa</p> <p>Just in case santa falls from his sleigh... make a parachute and test it with a cuddly toy.</p>
<p>Hot Chocolate testing</p> <p>Which hot chocolate melts the marshmallows the fastest? Made with water or milk?</p>	<p>Elf on the Shelf</p> <p>Design and make a shelf fit for an elf. Test it to check it is strong enough!</p>	<p>Super Snowflakes</p> <p>Make paper snowflakes. Does the design you choose affect the speed in which it falls?</p>	<p>Festive M&amp;M's</p> <p>Drop some red and green M&amp;M's in shallow warm water. What happens?</p>
<p>Christmas Cards</p> <p>Use your Christmas cards to build a 3D standalone structure.</p>	<p>Santa's letter Aeroplane</p> <p>Write a letter to Santa and turn it in an aeroplane. How far will it go?</p>	<p>Dissolving Candy Canes</p> <p>What is the fastest way to dissolve a candy cane? Record your results.</p>	<p>Bauble Maze</p> <p>Create a maze for a bauble to run through!</p>



Want to do something different?

Create your own Christmas themed experiments for an additional 5 merits each.