

2020

CHILDREN'S UNIVERSITY SCOTLAND

Winter Activity Challenge

<p>1. Hot Choc Mogul</p> <p>Hot chocolate is a versatile and warming winter treat. Invent your own and make 2 flavour combinations to try. Think about which ingredients you might need. Make some small samples to test (involve others at home if you can). Once you've found your winning hot choc combination, give it a unique, catchy name.</p>	<p>2. Sci-fi Snow</p> <p>Add two cups of bicarbonate of soda and 2 big spoons of salt to a bowl. Mix well. Add 1 tsp of dish soap and mix into a crumbly dough. Add 8 spoons of water until the dough is a little crumbly but can be formed into a snow-like ball. Get your skates on to quickly build & decorate your snowman! Can you work out why your 'snow' appears to melt?</p>	<p>3. Changing Frame</p> <p>Winter is a time of change, where the landscape around us gets ready for spring renewal. Take a walk or cycle in your local area and document 5 objects or places which will look completely different when spring arrives. You could take photos, draw or make a note. How do you think these places will look, sound, feel or smell different by springtime?</p>
<p>4. Festival of You</p> <p>Invent a festival celebrating something or someone you treasure. Maybe your festival will celebrate a favourite hobby or interest, your best pal or your pet, you choose. How long will your festival last? What's it called? Are there special foods, music or decorations? Once you've designed the festivities, celebrate with others at home!</p>	<p>5. LOL Lyrics</p> <p>Give the classic carol 'The 12 Days of Christmas' a twist. After the 'my true love gave to me' line, swap the original lyrics for the funniest or silliest ones you can think of. Don't know the old tune? Why not ask an older relative to teach you or search online.</p>	<p>6. Icy Engineering</p> <p>Make a sleigh that can slide easily along some ice and keep its contents dry. Test it on a cold day. Choose your materials wisely. Empty egg cartons work well as the sleigh. Try a few different materials for your base, e.g. lolly sticks, straws, string, tape spool, wooden spoon. Which works best to help your sleigh glide along the ice?</p>
<p>7. Passion Project</p> <p>A different type of gift. Create a fun lesson for someone else. You might teach a game, instrument, song, or about a subject you think is cool. How will you share the skill or information so that your learner understands? Is your lesson delivered in person, digitally or on paper? Share with your learner what interests you most about this subject and your passion will sparkle!</p>	<p>8. Let's Illuminate</p> <p>Write out the word WINTER in large letters down the left side of some paper. Decorate the WINTER letters with beautiful colours and wintry patterns to make illuminated letters. This style of decoration was popular on scrolls and books for hundreds of years. Now compose a poem about your favourite parts of winter. Each line starts with a beautiful letter. Display your poem at home as a reminder that winter isn't all about grey!</p>	<p>9. Green Machine</p> <p>On 13th January 1942, American Henry Ford patented the 'soybean car', a vehicle made entirely from plant-based plastic. He wanted to sell a cheaper, eco-friendlier, lighter car. If you had to create a 'green' version of a machine that exists today, what would you build and why? What are the benefits and challenges of your new design?</p>

CU Members:
Logging your
credits

1

Find it

Pick an activity from the sheet.

2

Try it

Give it a go at home, during school break time or on the go!

3

Log it

Log your credit at:
www.CUS-Aspire.com

<h3>10. Dough-lightful</h3> <p>You can make all kinds of creations with simple salt-dough! You'll need: 1 cup plain flour, ½ cup of salt and ½ cup of water. Mix the ingredients together well. Roll the dough out on a floured surface. Then shape and create! Cover and air-dry your shapes in a safe, dry place for 1-2 days. For faster drying, bake your creations in the microwave (10 seconds at a time for 3-4 mins), or the oven (lowest heat setting for 3 hours).</p>	<h3>11. Seal of Approval</h3> <p>In medieval times, important letters were stamped with the sender's unique wax seal to prove their identity. Put your stamp on things with your own seal! You'll need: a pencil and paper (to design it), a toothpick or picnic knife (a carving tool), a potato, apple or soap (your stamp). Design and carefully carve a unique seal stamp with a symbol or your initials. Stamp it on sticky tack, modelling clay or salt dough.</p>	<h3>12. Rip-Roaring Fun</h3> <p>Play a festive game with family members! You'll need: 2 or more players and a piece of paper each (e.g. old newspaper, tissue, or craft paper). Each player gets a piece of paper. All players are blindfolded or close their eyes. The aim is to rip the paper into a Christmas tree shape. The best tree is the winner! Ready for round 2? Try a more challenging shape or different material (e.g. poppadsoms or crackers!)</p>
<h3>13. Heart Warmer</h3> <p>Try these 5 of kind acts over the winter break. Check them off as you go.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Give someone a compliment. <input type="checkbox"/> Help someone with a chore. <input type="checkbox"/> Ask someone 'How was your day?' and listen carefully to their answer. <input type="checkbox"/> Write 5 positive messages and hide them at home for people to find. <input type="checkbox"/> Post a kind greetings card to an older neighbour. 	<h3>14. Fanciest Fir</h3> <p style="text-align: center;"> COMPETITION </p> <p>Fashion a fancy fir tree out of recycled materials and decorate it so it's fit for a winter festival! Most of your materials should be (clean!) stuff that is going into the bin or recycling box. Build your tree so decorations can hang or balance without falling. Most importantly, send us a picture of your tree! The most unusual and creative tree will win a fab prize.</p>	<h3>15. Paper Penguin</h3> <p>Fold a square piece of paper in half to form a triangle, then unfold. You'll have a square with a middle guideline.</p> <ol style="list-style-type: none"> 1. Tail: Fold the bottom corner up, about 1/5 of the page. Turn the paper over. 2. Wings: Fold in the left and right sides about 1/3 of the way. 3. Beak: Fold the top point down a little. 4. Fold your penguin in half down the guideline so it stands up. 5. Neck: Pull the beak up a little and fold along the top to make a neck.

Competition



Send us a picture of your fanciest fir from activity 14 to be in with a chance of winning a super-cool prize! Here's how to enter:

Enter by post:

Children's University Scotland
44 King Street
Stirling
FK8 1AY

(please include contact info for a parent or carer)

Enter by email: Or ask a parent, carer or teacher to send us a picture of your costume by email.



Useful Links



Sleigh ideas:

bit.ly/2VLWUD1

Traditional 12 days of Christmas lyrics:

bit.ly/36PHS5s

About Henry Ford's soybean car:

bit.ly/36O4IQo

Microwave salt-dough: instructions:

bit.ly/33QSz63

Step-by-step origami penguin:

bit.ly/2VOukBa

More free challenges:

bit.ly/CUSHomeLearning

