



ROCHESTER  
BRIDGE TRUST



## Langdon's STEAM Advent Calendar

<p><b>1. Santa Loves STEM</b></p> <p><a href="https://www.youtube.com/watch?v=JIZMN3apOD0">https://www.youtube.com/watch?v=JIZMN3apOD0</a></p> <p>Video of a story</p>	<p><b>2. Polar bear snowflakes</b></p> <p><a href="https://www.nhm.ac.uk/discover/how-to-make-animal-paper-snowflakes.html">https://www.nhm.ac.uk/discover/how-to-make-animal-paper-snowflakes.html</a></p> <p>Craft</p>	<p><b>3. Baking Snowman Biscuits</b></p> <p><a href="https://www.bbcgoodfood.com/recipes/snowman-biscuits">https://www.bbcgoodfood.com/recipes/snowman-biscuits</a></p> <p>Baking</p>
<p><b>4. 3D Christmas tree Craft</b></p> <p><a href="https://iheartcraftythings.com/3d-christmas-tree-craft.html">https://iheartcraftythings.com/3d-christmas-tree-craft.html</a></p> <p>Craft</p>	<p><b>5. Rudolf Balloon Races</b></p> <p><a href="https://www.steampoweredfamily.com/education/rudolf-balloon-race/">https://www.steampoweredfamily.com/education/rudolf-balloon-race/</a></p> <p>Craft/game</p>	<p><b>6. Nutcracker</b></p> <p><a href="https://www.youtube.com/watch?v=BXfxLIuNJvw">https://www.youtube.com/watch?v=BXfxLIuNJvw</a></p> <p>Movie</p>
<p><b>7. Get Santa to the sleigh</b></p> <p><a href="https://thestemhub.org.uk/index.php/festive-challenge">https://thestemhub.org.uk/index.php/festive-challenge</a></p> <p>STEM paper bridge</p>	<p><b>8. Origami snowman</b></p> <p><a href="http://www.minieco.co.uk/melting-snowman/">http://www.minieco.co.uk/melting-snowman/</a></p> <p><a href="http://www.minieco.co.uk/geometric-snowman/">http://www.minieco.co.uk/geometric-snowman/</a></p> <p>Origami/STEM maths (nets)</p>	<p><b>9. Santa Chute</b></p> <p><a href="https://www.mrsjonescreationstation.com/santa-chute-christmas-stem-little-learners/">https://www.mrsjonescreationstation.com/santa-chute-christmas-stem-little-learners/</a></p> <p>STEM build</p>
<p><b>10. Sensory xmas</b></p> <p><a href="https://www.facebook.com/13695746395/posts/10157280828266396/?d=n">https://www.facebook.com/13695746395/posts/10157280828266396/?d=n</a></p> <p>STEM sensory play</p>	<p><b>11. Green Grinch glitter slime</b></p> <p><a href="https://theimaginationree.com/christmas-tree-slime-recipe/">https://theimaginationree.com/christmas-tree-slime-recipe/</a></p> <p>STEM activity</p>	<p><b>12. Christmas baubles</b></p> <p><a href="https://mumsgrapevine.com.au/2015/11/diy-christmas-baubles/">https://mumsgrapevine.com.au/2015/11/diy-christmas-baubles/</a></p> <p>Craft</p>



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<p><b>13. Jingle Jangle</b></p> <p><a href="https://www.netflix.com/gb/title/80232043">https://www.netflix.com/gb/title/80232043</a></p> <p>Movie</p>	<p><b>14. Get the star on the tree</b></p> <p><a href="https://thestemhub.org.uk/index.php/festive-challenge">https://thestemhub.org.uk/index.php/festive-challenge</a></p> <p>STEM paper tower</p>	<p><b>15. Pop up 3D card</b></p> <p><a href="https://www.redtedart.com/diy-christmas-pop-up-card/">https://www.redtedart.com/diy-christmas-pop-up-card/</a></p> <p>Craft</p>
<p><b>16. Make fake Snow</b></p> <p><a href="https://youtu.be/AZbjrYcNpPs">https://youtu.be/AZbjrYcNpPs</a></p> <p>STEM activity</p>	<p><b>17. 3D Christmas ornament</b></p> <p><a href="https://www.steampoweredfamily.com/activities/paper-3d-diy-christmas-ornaments/">https://www.steampoweredfamily.com/activities/paper-3d-diy-christmas-ornaments/</a></p> <p>STEM maths (nets)</p>	<p><b>18. Penguin pom-pom craft</b></p> <p><a href="https://fb.watch/27gDH94oam/">https://fb.watch/27gDH94oam/</a></p> <p>Craft</p>
<p><b>19. Home Alone – design an alarm</b></p> <p><a href="https://www.teachengineering.org/activities/view/make_an_alarm">https://www.teachengineering.org/activities/view/make_an_alarm</a></p> <p>STEM design an alarm</p>	<p><b>20. Seasonal trees</b></p> <p><a href="https://iheartcraftythings.com/four-seasons-tree-craft.html">https://iheartcraftythings.com/four-seasons-tree-craft.html</a></p> <p>Craft</p>	<p><b>21. Bird Feeder (National Robin Day)</b></p> <p><a href="https://www.diys.com/homemade-bird-feeders/">https://www.diys.com/homemade-bird-feeders/</a></p> <p>STEM make</p>
<p><b>22. Snowstorm in a Jar</b></p> <p><a href="https://www.youtube.com/watch?v=CYG9_0-zw28">https://www.youtube.com/watch?v=CYG9_0-zw28</a></p> <p>STEM activity</p>	<p><b>23. Make Frosty's Hat</b></p> <p><a href="https://www.craftymorning.com/make-frosty-snowmans-hat-can/">https://www.craftymorning.com/make-frosty-snowmans-hat-can/</a></p> <p>Craft activity</p>	<p><b>24. Snowman pancakes</b></p> <p><a href="https://www.bbc.co.uk/food/recipes/spiced_orange_and_honey_36705">https://www.bbc.co.uk/food/recipes/spiced_orange_and_honey_36705</a></p> <p>Cooking</p>