

How long a snowball
run can you build?

Roll a Snowball!

12 Days of Xmas Day 1

INSTRUCTIONS >>>

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Roll a Snowball!

Your challenge is to make the longest snowball run you can! Using only the materials you can collect from around your home. You can build it inside, outside or even from the inside to the outside!

- 1** You need to find a small ball to play with! (A marble? Pingpong ball? Golf ball?)
- 2** Choose a starting point at least 30cm above the ground, or even higher! (On a step? A garden wall? The edge of your bed?)
- 3** What will the ball drop into when it reaches the finish line? (Washing up bowl, bucket, beaker, tupperware?)
- 4** Collect materials together for construction. Think about what's tube-shaped, like toilet roll tubes? Or things that you can roll up, like paper? Or tie into a tube, like a tea towel? Or long and level things, like a race track???
- 5** Now you have everything, it's time to build your snowball run!

Good luck!



5 KEY RULES

Nobody can **touch** the ball while it's rolling.

If the ball falls and hits **the ground** before the end, then start again.

The ball must **drop 30cms** on its journey from start to finish.

If the ball stops, move the run **above or below** to get it moving again, but you can't touch the part of the run where it's stuck.

The ball must move in the **same direction** all along, no going back!





If you want to make it more challenging then you could race another person or you could challenge yourself to make the ball freefall 30cm during its journey (as well as the 30cm overall drop).

If we get any snow you could even test out your run using a real snowball!!



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Look out for a new
activity tomorrow!