



Follow the instructions below to create your own traditional thaumatrope toy.

These optical illusions toys trick our brains into thinking we can see something that isn't there. When you spin the straw between your fingers, the pictures on either side of the toy are moving so fast that we can see both at the same time, tricking our brain into merging the two images together.

***You will need...***

*Paper template*

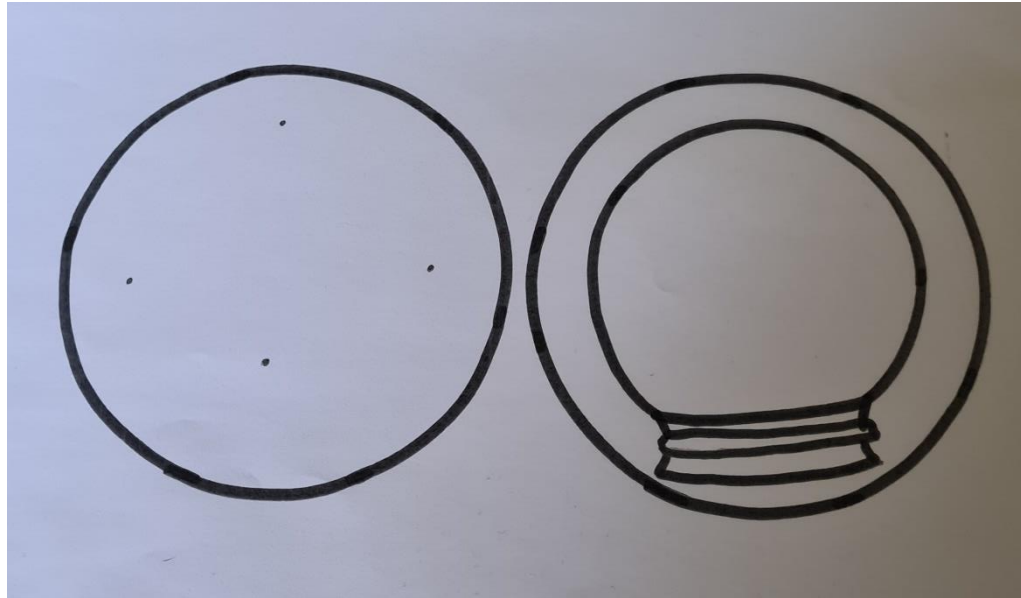
*Colouring pens*

*Scissors*

*Glue*

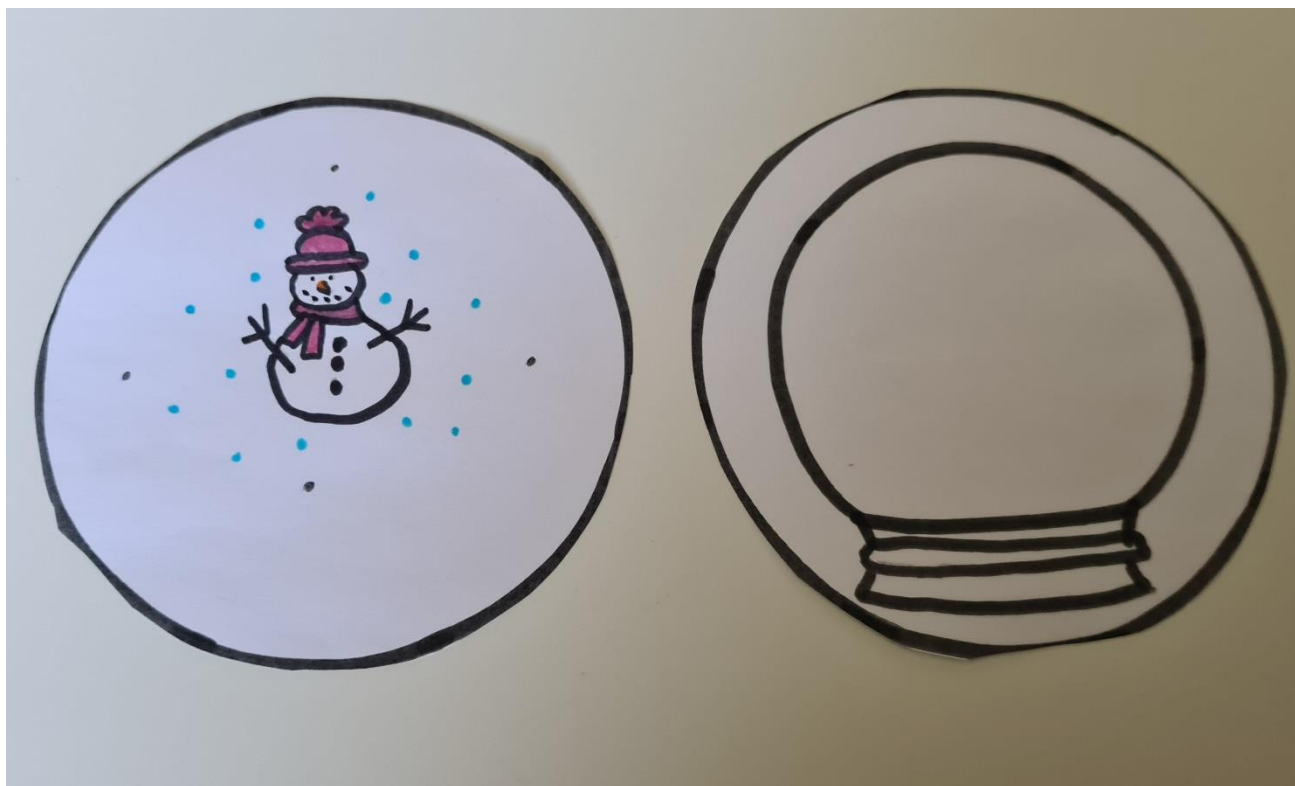
*Paper Straw*





## Step One

In the blank circle, you will notice four back dots. Draw something Christmas or winter themed in the middle of the dots. You could draw a snowman, Santa, a Christmas tree, or something different. Make sure you stay inside the dots, so that your picture lines up with your globe.



**Step Two**  
Cut the circles out.



### **Step Three**

Flatten the top third of a straw with your hand. Using your glue, then stick your circles together with your straw in the middle, and the pictures facing outwards.



### **Step Four**

Spin your straw in your hand as fast as you can- watch as your picture appears in the globe!