



Art NINJA

FACT SHEET

ZOETROPE

YOU WILL NEED:

Marble	Black card
Paper plate	White paper
Scissors	Felt tip pen
Pencil	Ruler
Sticky tape	Modelling clay
Glue / double sided tape	Black paint



1. Paint a paper plate black and place modeling clay underneath it. Push a pencil through the middle, then carefully make small cuts from this hole towards the edges of the plate to make it bigger.



2. Push a marble into the hole, from underneath your paper plate, and secure it in place with sticky tape. Give your plate a spin to make sure your zoetrope will work.

3. Cut a long strip of black card that's long enough to wrap all the way around the plate. Remember to allow for a small overlap.

4. With a pencil and ruler, draw long thin rectangles roughly 0.5cm wide and 9cm long. My card is 72 cms long so I'm going to draw a rectangle every 6cms, to give me 12 slots.



5. Wrap the black card around your plate and stick it down with sticky tape.

6. On a strip of white paper (roughly 8cm wide & the same length as your black card) draw stick people. You need to draw one person per slot that you can look through. I'm drawing someone dancing so each time the person needs to be doing a slightly different pose.



If you put your paper into the zoetrope before you draw on it, you can mark onto your paper where your drawing needs to be by lining the paper up with the slots.

7. Place your drawing into the Zoetrope, making sure each picture sits between the slots.