

# NANOGIRLS

## GREAT SCIENCE ADVENTURES

Make Nanogirl's spinning top that uses angular momentum to stay upright.

### INGREDIENTS

Something round  
A pencil  
A sheet of card  
Scissors  
Blu-tack  
A wooden skewer  
A ruler

### METHOD

Draw a circle on your piece of card – using the round thing as a stencil. Cut the circle out.

Decorate your card however you like.

Now find the centre of your circle, using a ruler to draw lines across it and where it intersects will be the middle point.

Stick the skewer through the middle point. Cut a tiny bit off the end of the skewer to make it blunt. It will spin better.

Use the blu-tack to hold the card on securely. Make sure there is an even amount right round the skewer.

Now spin it and see how long before it falls over.

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