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| http://www.bbc.co.uk/staticarchive/2555db5d73240e0fa92985f70d9d3c6d8a9e7072.jpg | You will need: A pair of scissorsA compassSome sellotapeA craft knifeA print-out of the two sundial templates |
| http://www.bbc.co.uk/staticarchive/16111ed6866fe5a90207f253b1dd36af6b79f38d.jpg | Place the main sheet on a hard surface and using the craft knife, cut down the line that says 'cut here' (ask an adult to help you). |
| http://www.bbc.co.uk/staticarchive/930779a2373de7837a257ba0d9bd556c7c8e20f9.jpg | Using the scissors, carefully cut out the template for the gnomon, the triangle shape. |
| http://www.bbc.co.uk/staticarchive/9de229a40b0f12977e42b9cc9369735f5e62a742.jpg | Once you have done that, fold it along the line. |
| http://www.bbc.co.uk/staticarchive/b050f7bfbfa544fd45de4bf48d5c5437a876526f.jpg | Now place the gnomon inside the slit of the sundial template. You must make sure the right-angle is at the bottom of the sundial template (see picture). |
| http://www.bbc.co.uk/staticarchive/d33589859fc41fdbda099e5334d0746cbba47877.jpg | Now using the sellotape, stick the bottom of the gnonom to the base of the sundial. |
| http://www.bbc.co.uk/staticarchive/e95e3f4845e97db30de19e129715342c270db531.jpg | The gnomon should stand up by itself, but you may need to secure it with some more sellotape at its base. |
| http://www.bbc.co.uk/staticarchive/e311f9b90474ca16f6086f011118ea0ddb9805d0.jpg | Find north with the compass - you'll need to slowly turn in a circle until the pointer points north.  |
| http://www.bbc.co.uk/staticarchive/3953407c42a18111c25cb034a96d3a02a5f5ce96.jpg | Once you find north, place the sundial on a flat surface and line up the arrow on the top of the sundial so it points north. Make sure the sun is shining! |

**You should now be able to tell the time!**

**You can make this sundial with different coloured paper or make it stronger by sticking the templates on to card.**