





NORTH ESSEX
ASTRONOMICAL
SOCIETY

Making a Sundial

- 1** Print both pages on A4 paper at 100% size.
- 2** (Optional) Glue the pages to stiff card for a stronger sundial.
- 3** Cut out the “Style” (the triangle on this page): 
- 4** Fold the style back along the dotted line and glue together to create a right angled triangle.
- 5** Fold the flaps out and glue them on to the sundial, making sure that “A” and “B” are aligned on the sundial and the style:
- 6** Place the sundial outside on a flat surface.
- 7** Ensure the North Arrow () is pointing due North using a compass or a compass app.
- 8** To tell the time, wait until the point at the end of the style’s shadow is close to or touching one of the lines.
- 9** Follow the line back to the number below, and that will be the current hour of the day.
- 10** Use the green lines between June 20th and December 20th. Use the grey lines on all other dates.
- 11** During British Summer Time, after the last Sunday in March and before the last Monday in October, ADD one hour to the time shown by the sundial.
- 12** This sundial is accurate to 3 minutes anywhere in Essex.

