Glue to the back of Part A2.

Part B1: Hour Ring

Part A3: Latitude Pointer
Part A4: Latitude Pointer

Spacer Rings

Stop

1/4° Vernier

Pivot
Glue green and red spacer rings following the coloured triangles.

Glue pairs of stops together with coloured sides facing out.

Glue Part D1 Here

IMPORTANT:
Use no wrinkle rubber cement or the sundial will warp badly!

Part C1: Latitude Ring

Cut out all the parts and write the part number on the back.
Part A2: Rotating ring.
Glue to the back of Part A1.

Part B2: Hour Ring

Spacer Rings

2 Pivot

Stop

Part D2: Glue to back of Part D1.
Glue Parts D5/D6 together then over string.
Glue Part D4 on D3.

Part E2: Glue to back of Part E1.
Glue Parts E5/E6 together then over string.
Glue Part E4 on E3.

Glue Part D3 Here
Part D1
Glue Part D3 Here
Part D3
Glue String Here
Part D4
Glue Part D4 on D3.
Glue String Here
Part D5
Glue Part D5
Part D6
Glue Parts D5/D6 together then over string.

Glue Part E3 Here
Part E3
Glue String Here
Part E4
Glue Part E4 on E3.
Glue String Here
Part E5
Glue Part E5
Part E6
Glue Parts E5/E6 together then over string.
Part C2: Latitude Ring

Glue pairs of stops together with coloured sides facing out.

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Spacer Rings

Pivot

Long Edge Here

Here

Northern Hemisphere

Part C2: Latitude Ring

Glue Part E1 Here

Stops

The 2 pivot rods are made from sections of paper clips 3/4" long.

The gnomon is a thin string glued between the gnomon brackets.

Hour Bars: Glue to the inside edge of the hour ring after the two halves are glued together but before the string gnomon is glued into place.

Tape pivot rods into place on hour ring Part B1. Glue Part B2 on securing the pivot rods in place. Cut off the tabs. Start with Part C1 and position Parts A1/A2 in place. Wrap the exposed pivot rods with foil so they will not be glued but free to rotate. Position the completed hour ring as indicated by the pivot points with the NH hour numbers facing up. Glue Part C2 in place as indicated by the pivot points taking care not to glue the rotating ring. Cut off the tabs. Glue in the hour bars, string gnomon brackets and stops. Turn hour ring so the NH numbers face the NH latitude numbers and then pass through string gnomon.