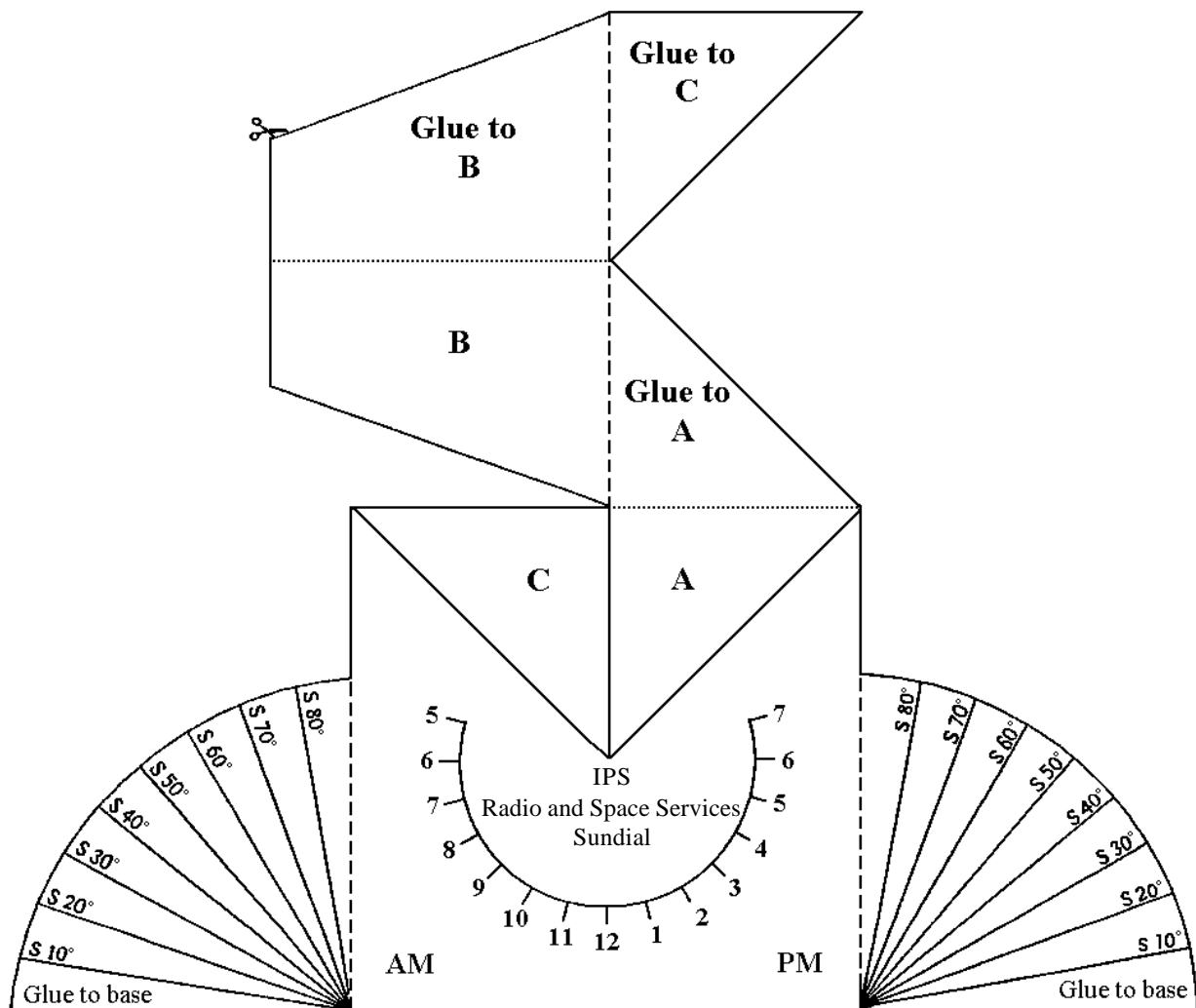


# GILGANDRA OBSERVATORY

## SUNDIAL KIT

The sun has been used to tell the time for thousands of years. By following the instructions below, you can build your own sundial that will work anywhere in the southern hemisphere.

- 1 Cut out the sundial, fold the dashed lines(-----) away from you and the dotted lines(.....) towards you.
- 2 Fold the lines labeled with your latitude away from you(if you don't know your latitude you can look it up in an atlas).
- 3 Glue the flaps you have just folded to the back of the base so that your sundial can rest on its base with its dial tilted.
- 4 Glue the gnomon(the part that casts a shadow on the dial) together as shown and your sundial will be ready to use.



↑  
**This is the base of your sundial.**  
**Rest it on a flat surface, in direct sunlight,**  
**with the arrow pointing south.**  
**The Shadow cast by the gnomon**  
**will then tell the time.**

**Your sundial tells "solar time" so it will**  
**read one hour slow during daylight saving.**