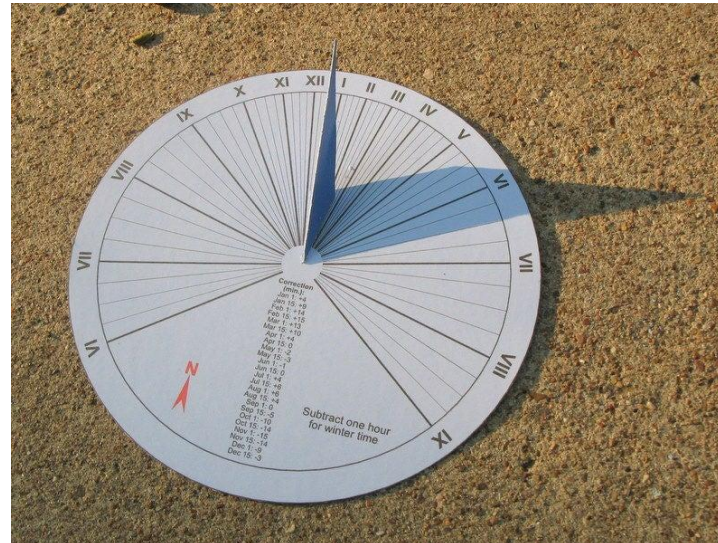




Sundials

- Sundials are the oldest known instruments for telling time.

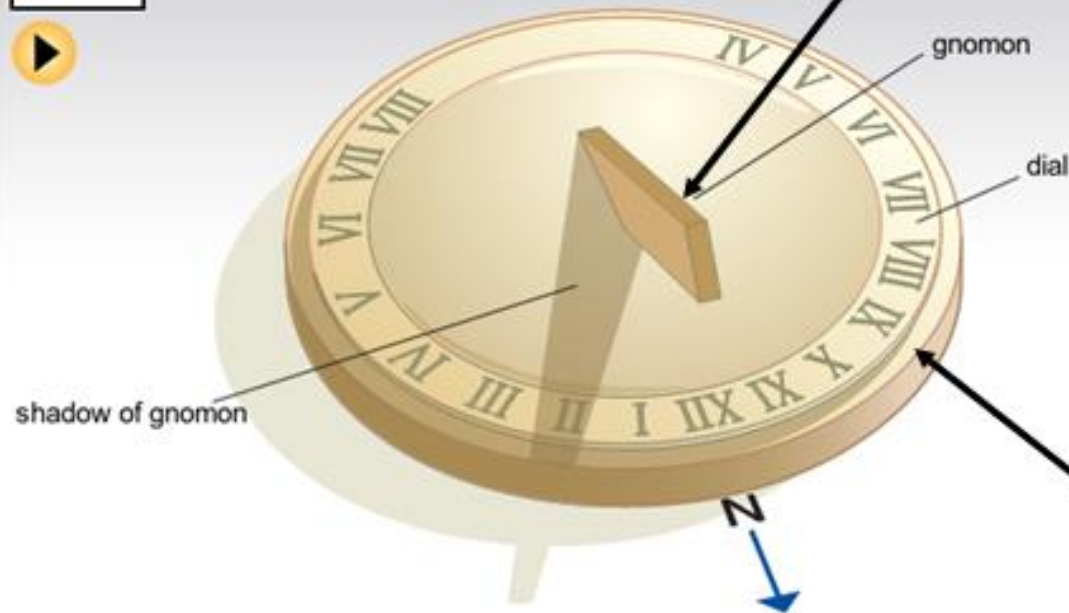
The surface of a sundial has markings for each hour of daylight. As the Sun moves across the sky, another part of the sundial casts a shadow on these markings. The position of the shadow shows what time it is.



The gnomon, casts a shadow onto the dial. As the Sun appears to move across the sky, the shadow aligns with different hour-lines, which are marked on the dial to indicate the time of day.

Sundial

2:00 PM



The flat surface of a sundial is called a dial plate. It may be made of metal, wood, stone, or other materials. Numbered lines around the outside show the hour of the day.

Use this link and follow the instructions for how to make a sundial.

- http://www.bbc.co.uk/norfolk/kids/summer_activities/make_sundial2.shtml