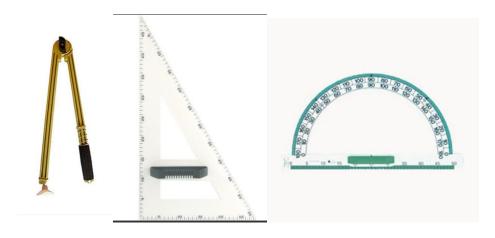
THIRD DAY

We shall calculate the circumference of the earth.

To do this activity we need (for each team):



- a) Tape measure
- b) geometry school instruments such as compasses triangle and protractor



d) A stick vertically placed on the ground.



d) Of course it is necessary to have pens , papers, calculators (maybe the mobile phone is enough) . Just make sure you have the function $tan^{-1}(x) = \arctan(x)$ in your calculator otherwise you will need trigonometric tables.