



# THE INVENTIONS CORNER



## The plotter

Lines in a sport track are painted by a special designed cart. Paint is left on the track at the same time that the cart is driven. To obtain pieces from a “pizza”, we use a similar instrument: a sharp disk goes around while our pizza is cutting.

Following these examples, you can construct a shaped disk plotter. You can also make wide disks with different relief on their surfaces like waves, triangles, squares and other shapes.

### YOU WILL NEED

MATERIALS	TOOLS
❖ A wooden strip	❖ Saw.
❖ A jar lid and a plastic disk.	❖ Guide for cutting.
❖ Screws and nuts.	❖ Drill.
❖ Paper strips.	❖ Scissors.
❖ Glue.	❖ An ink pad for stamps.

### ❖ LET GET DOWN TO WORK

1 Cut a Little piece of wooden strip to use as a handle. Drill one of its sides.

2 Mark and drill a hole in the centre of a plastic disk so that you can put through a screw.

3 From a paper strip, draw and cut some waves or other shapes that you will use as a relief of your plotter disk..

4 Glue this relief strip with the disk by putting some glue on both surfaces when they are dry.

5 Join the handle to one of the disk by using a screw. Put a nut between them. Put another one that will work as a lock.

6 Check your plotter. Loosen the nuts a little if necessary, so that the disk can run with ease

### ❖ A PERSONAL TOUCH

*If you like, you can ink the disk by using an ink box for stamps. You just put your plotter on its surface and do one or two quick runo n it. There are several ink colours you should try. With this plotter you can decórate folders, page or your Technology constructions.*

