

How did we prepare the games from all over the world with recycled materials for the visit to Catalonia?

One of the activities they liked the most when their colleagues from the Erasmus project visited Catalonia was games from around the world with recycled material





Here is the presentation we used to explain them. You can be encouraged to build them and remember that: "Even in children's games there are things to interest the greatest mathematician."

Board games, Maths and recycling. What do they have in common?

We're presenting three board games that enable students to learn Maths and that are made with recycled material (such as cardboard, carton screw caps, cork stoppers, metal boxes, and so on).

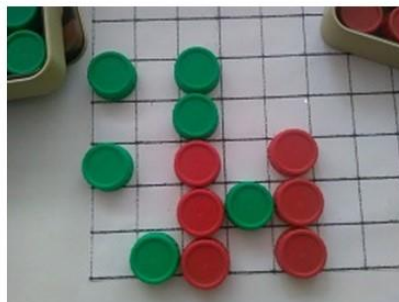
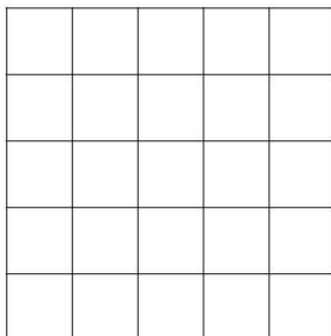
Board games + Maths

What do you have to do to win?

- Run: the first one to arrive wins.
- Capture: the rival counters have to be eliminated.
- Block: the rival has to be blocked.
- Align: the pieces have to be aligned.

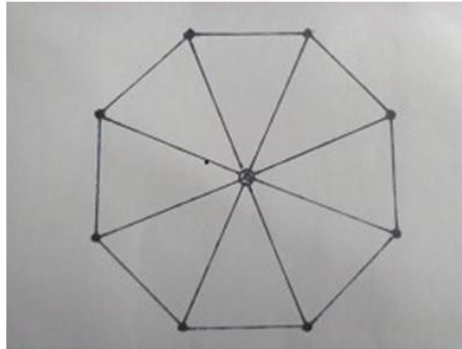
1st Game

Grille (from France)

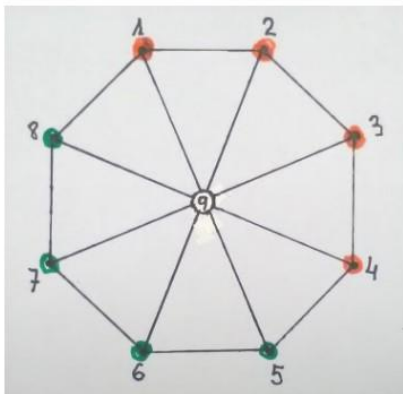


2nd Game

Mu Torere (origin: New Zealand)



Kewai = octagon vertex
Putahi = octagon centre



Toss sequence in a round:

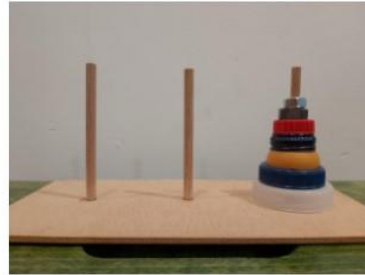
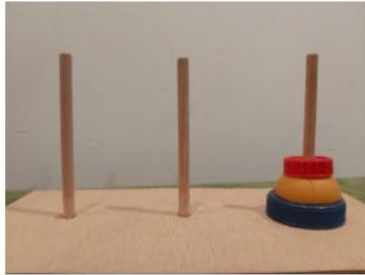
The green counters start:

5 -> 9 , 4 -> 5
9 -> 4 , 3 -> 9
4 -> 3 , 9 -> 4
3 -> 9 , 2 -> 3
9 -> 2 , 1 -> 9
2 -> 1 , 3 -> 2

The red counters win.

3rd Game

Hanoi towers (from France)



“Even in the games of children there are things to interest the greatest mathematician.”

Gottfried Wilhelm Leibniz (1646 - 1716)