Activity tittle: Binary Bracelets, by Margarida Barbieri

from Portugal

Theme: Robots   **Month**: November

Aim: Code the first letter of the name in binary code and use the code to make a bracelet

Resources/materials needed: Small wood or plastic beads with different colors; elastic cord

Introdution: How to read binary? Discussion with children about this topic. Additional information is available:

https://jdaniel4smom.com/2017/07/abcs-of-how-to-read-binary-stem-activity-printable.html

Step 1: Children use the binary code to translate the first letter of the name to binary code!

Step 2: Children chose 2 different colors beads and use the code to make the bracelet.

Step 3: Let children take pictures and share it with others, for example "guess my name"!!!

Here are are some examples of bracelets I've done with children a few years ago: