BINARY BRACELET
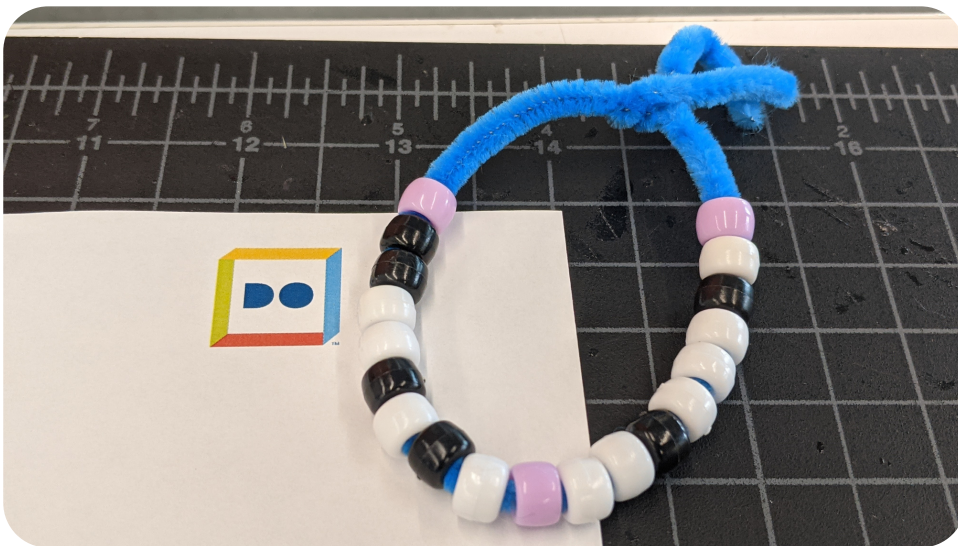

INTRODUCTION

Have you ever wondered how computers pass messages to each other? How are they able to communicate so efficiently with no delays or mistakes? Do computers speak English?
Binary code is how they do it, using a lot of 1's and 0's. For this TAKE & MAKE, we will be exploring how to write our initials using binary.

INTRODUCTION

Subjects:

- Computer
- Code
- Binary
- Art

Maker Capacities:

- Tinker to Explore
- Finding Opportunities

agencybydesign.org

Key Terms

- Binary code

WHAT YOU'LL NEED:

Here's what you'll find in the kit:

- 16 white beads
- 16 black beads
- 3 colored beads
- 1 pipe cleaner
- Binary Alphabet sheet

You may also need:

- Scissors
- Pen
- Paper

Let's Make This!

Binary Initials created by: _____

First Initial (hexagon)   Second Initial (hexagon)

Delimiter ☆   Delimiter ☆   Delimiter ☆

| | | | | | | | | |

Write the binary code for your first initial here.

| | | | | | | | | |

Write the binary code for your second initial here.

PREPARATION

- Write out your name
- Choose your initials
- Look up the Binary code for your initials
- Mark the boxes that are 0 and those that are 1
- Choose 3 colors of beads to use white for 0 and black 1 delimiter colored
- Find the beads you need and set them on your paper in the right places.

ASSEMBLY

- String the beads in order. Don't forget the delimiters!
- Check your work! Did you put on the beads correctly?
- Tie the pipe cleaner together to fit your wrist