

Binary Code Bracelet

That is Out of This World

STEM Activity

Created by Deirdre Smith of JDaniel4's Mom

s = 01110011	☆	○	○	○	☆	☆	○	○
t = 01110100	☆	○	○	○	☆	○	☆	☆
a = 01100001	☆	○	○	☆	☆	☆	☆	○
r = 01110010	☆	○	○	○	☆	☆	○	☆

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Name: _____

Binary Code Bracelet That is Out of This World

STEM Activity

Directions: Use crayons and beads to spell out the word star in binary code. Then thread them onto a pipe cleaner.

Supplies:

- Crayons
- Star Beads
- Blue Pony Bead
- Pipe Cleaners

Building Requirement:

- Build the word star in beads
- Color in the shapes besides each binary letter.
- The 0's are stars and the 1's are _____.

s = 01110011



t = 01110100



a = 01100001






r = 01110010



Data Collected

s used _____  beads and _____  beads.

t used _____  beads and _____  beads.

a used _____  beads and _____  beads.

r used _____  beads and _____  beads.

What challenges did you have building the letters?
