

BINARY CODE

Coding ornaments are the perfect craft activity for the kid who doesn't care too much for crafts! Screen-free coding and ornament making as you explore the binary code.

SUPPLIES

- 3 Colors of Beads
- Pipe Cleaners
- Printable Binary Code Sheet

Choose one color bead for the number 1 and another color bead for the number 0. Choose a 3rd color bead to use as a spacer between letters.

Bend your pipe cleaner into any whimsical shape.

Choose a word or your name to be represented with the binary code. Use the printable sheet to write down the code.

If your word is too long for one pipe cleaner, simply attach another! Use ribbon or another type of fastener to hang in your window or tune into a keychain!

The computer doesn't read the letter A like we read the letter A. It reads it in a series of 1's and 0's. Each letter has its own code of 1's and 0's. This code is called the ASCII Binary Alphabet.

The binary number system is a base-2 number system. This means it only has two numbers: 0 and 1. The number system that we normally use is the decimal number system. It has 10 numbers: 0-9.

Computers work best with an "on" and "off" system and that is just what the binary code is all about. 1 is "on" and 0 is "off".

1000001 - 1000010 - 1000011 - 1000100 - 1000101 - 1000110 - 1000111

1001000 - 1001001 - 1001010 - 1001011 - 1001100 - 1001101 - 1001110 - 1001111

1001000 - 1001001 - 1001010 - 1001011 - 1001100 - 1001101 - 1001110 - 1001111

ALPHABET IN BINARY CODE

A	01000001	J	01001010	S	01010011
B	01000010	K	01001011	T	01010100
C	01000011	L	01001100	U	01010101
D	01000100	M	01001101	V	01010110
E	01000101	N	01001110	W	01010111
F	01000110	O	01001111	X	01011000
G	01000111	P	01010000	Y	01011001
H	01001000	Q	01010001	Z	01011010
I	01001001	R	01010010		



littlebinsforlittlehands.com

1000001 - 1000010 - 1000011 - 1000100 - 1000101 - 1000110 - 1000111

1000001 - 1000010 - 1000011 - 1000100 - 1000101 - 1000110 - 1000111

1000001 - 1000010 - 1000011 - 1000100 - 1000101 - 1000110 - 1000111

WRITE YOUR FIRST NAME IN CODE

1001000 - 1001001 - 1001010 - 1001011 - 1001100 - 1001101 - 1001110 - 1001111 - 1010000

1000001 - 1000010 - 1000011 - 1000100 - 1000101 - 1000110 - 1000111

1001000 - 1001001 - 1001010 - 1001011 - 1001100 - 1001101 - 1001110 - 1001111

1001000 - 1001001 - 1001010 - 1001011 - 1001100 - 1001101 - 1001110 - 1001111

WRITE YOUR LAST NAME IN CODE

1000001 - 1000010 - 1000011 - 1000100 - 1000101 - 1000110 - 1000111

