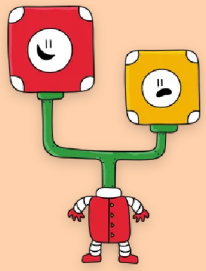
SCIENCE · CODING UNPLUGGED · GRADES 3–5

Write Your Name in Binary

Use a code of ones and zeros to decode two words and write your own name the way a computer could.

Name: _____ **Date:** _____



Computers store everything as **1s and 0s**, called **binary code**. In this code, every letter is five 1s and 0s.

Word bank

A 00001	B 00010	C 00011	D 00100	E 00101	F 00110
G 00111	H 01000	I 01001	J 01010	K 01011	L 01100
M 01101	N 01110	O 01111	P 10000	Q 10001	R 10010
S 10011	T 10100	U 10101	V 10110	W 10111	X 11000
Y 11001	Z 11010				

1. Decode the words.

00011 00001 10100 _____

00100 01111 00111 _____

2. Write your first name in binary code, one letter on each line.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Art © Kevin Coulston