

FREE AI WORKSHEETS



AiDigiTales

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TECH TOT WORD FIND

Robots and AI scan information to learn. Search and find all the words to discover more about the world of AI!

R	L	S	C	R	E	T	U	P	M	O	C	I	G
O	E	A	N	C	O	D	E	C	D	G	C	B	M
U	N	E	U	R	A	L	C	H	E	N	T	E	M
T	R	A	N	T	T	D	A	A	P	I	I	E	T
P	U	O	O	A	R	U	H	T	T	N	A	P	D
U	T	E	B	A	T	I	M	B	D	I	P	I	I
T	N	O	T	O	D	D	V	O	A	A	P	M	G
I	L	D	M	C	T	R	R	T	P	R	T	V	I
D	S	A	M	M	I	N	P	U	T	T	N	A	T
H	T	A	C	O	E	K	R	O	W	T	E	N	A
E	O	A	E	A	D	D	N	A	E	D	U	C	L
M	A	C	H	I	N	E	D	N	A	M	M	O	C
T	R	T	T	O	U	P	L	S	E	N	S	O	R
V	O	I	C	E	A	S	S	I	S	T	A	N	T

App

Automate

Beep

Chatbot

Code

Command

Computer

Data

Digital

Input

Machine

Model

Network

Neural

Output

Robot

Sensor

Training

Virtual

Voice Assistant

GADGET GUESSING GAME

Match the tech words with what they mean, just like AI uses little pieces to figure out a big idea.

- | | |
|---|----------------|
| 1. It keeps computer information | Pixel |
| 2. Tiny dots on screens that make pictures | Battery |
| 3. It helps gadgets talk to each other | App |
| 4. It tells computers what to do | Memory |
| 5. A machine that moves and does tasks | Code |
| 6. It gives power to our toys and gadgets | Robot |
| 7. A game or tool on tablets and phones | Wifi |

ANSWER KEY: 1. Memory, 2. Pixel, 3. Wifi, 4. Code, 5. Robot, 6. Battery, 7. App

TINY TECHIE WORD TWIST

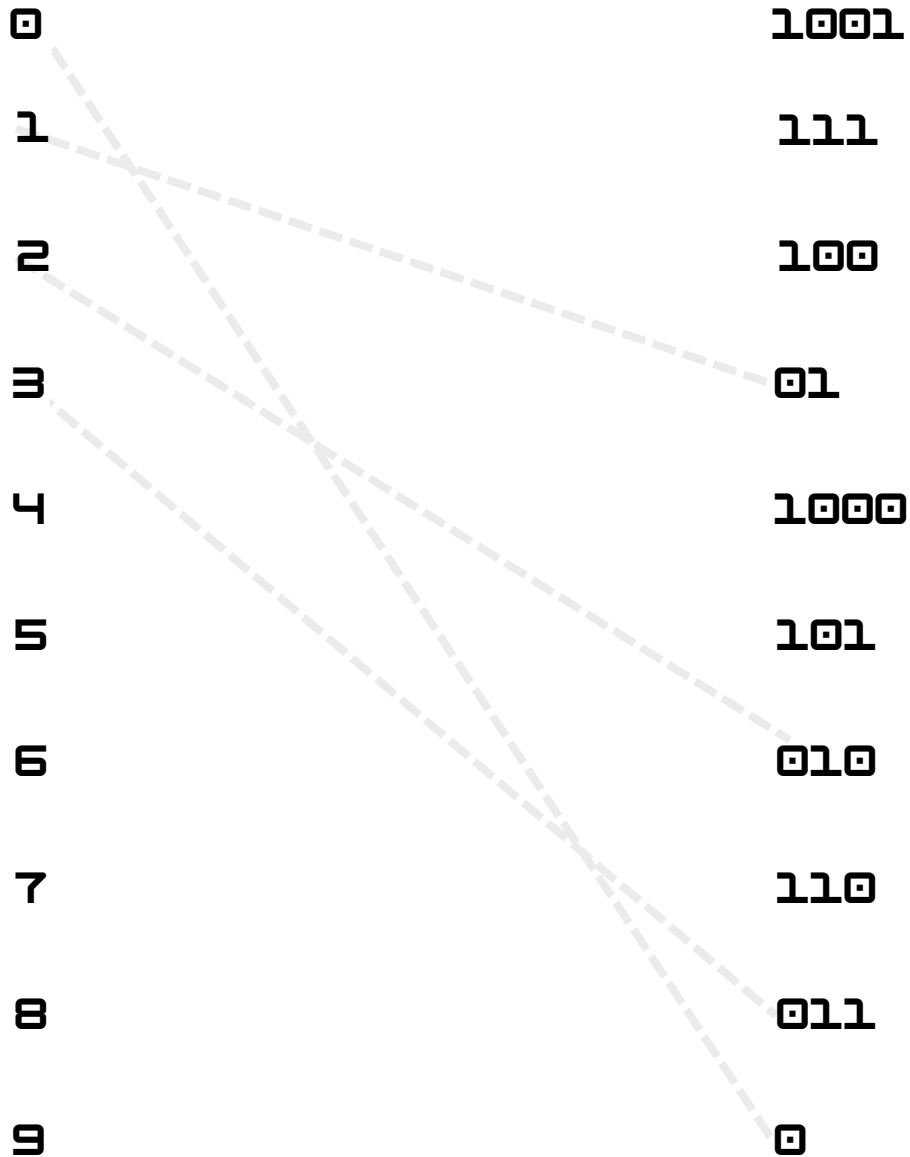
Just like robots decode messages, unscramble the mixed-up letters to discover the correct word. You've seen these words on the previous pages.

1. TOBOR = _____
2. TADA = _____
3. MEAG = _____
4. CREENS = _____
5. OMUSE = _____
6. EEBP = _____
7. DECO = _____
8. MAGE = _____

BINARY BUDDY MATCHING FUN

Robots and AI learn using 1s and 0s. Pair up the numbers with their 1s and 0s – that's their way of chatting and assisting us!

The first four are done for you.

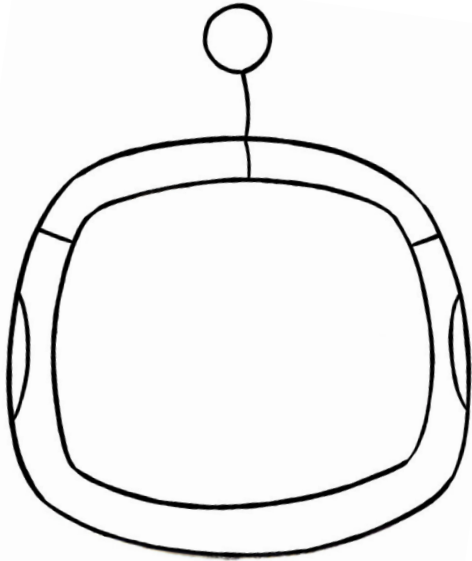


ANSWER KEY: 0 = 0, 1 = 01, 2 = 010, 3 = 011, 4 = 100, 5 = 101, 6 = 110, 7 = 111, 8 = 1000, 9 = 1001

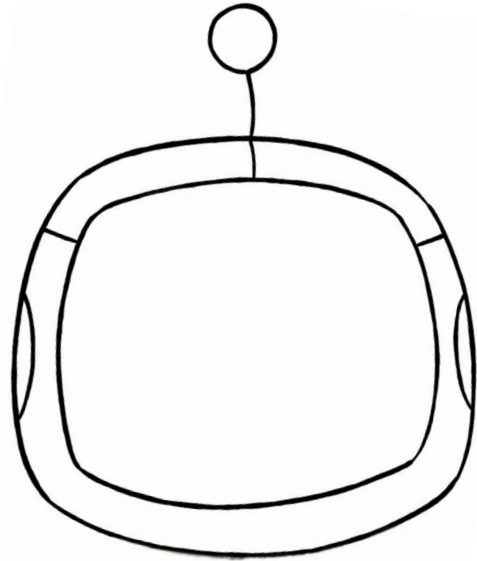


HELPING ROBOTS FEEL

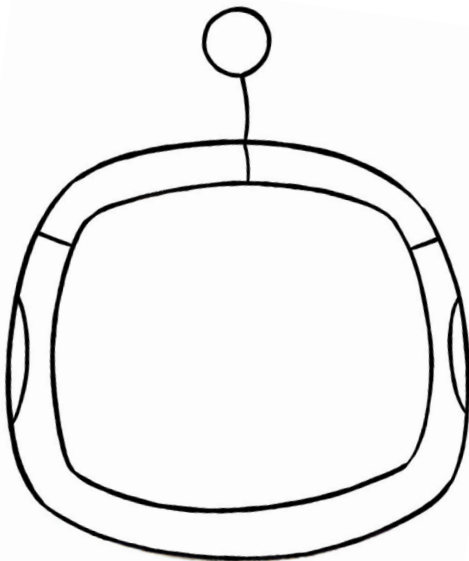
Robots don't feel emotions like humans. Can you help? Draw in the robot's face to match the emotion. Show the robot what 'happy', 'sad', or 'angry' looks like!



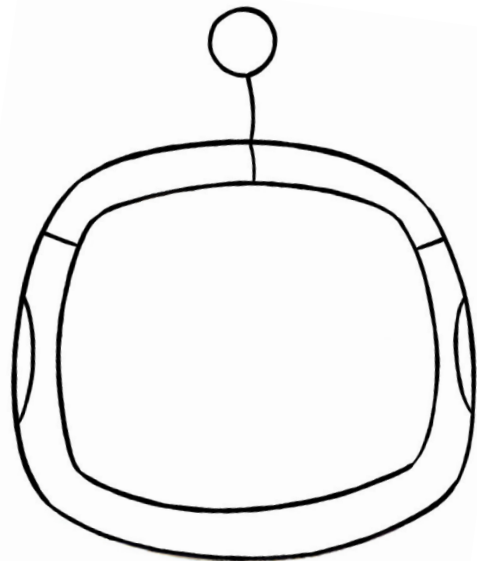
HAPPY



SAD



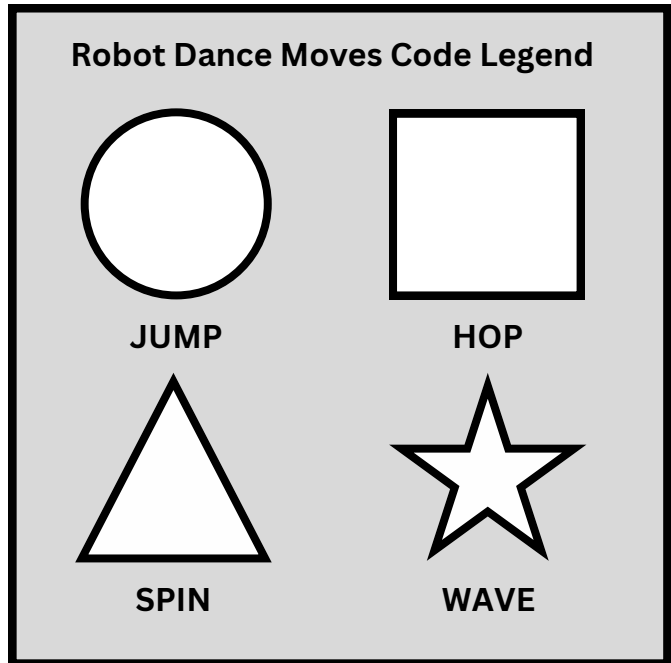
ANGRY



HOW DO YOU FEEL?

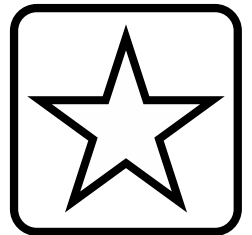
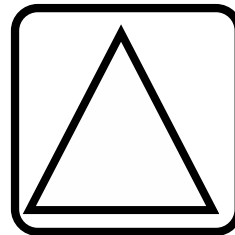
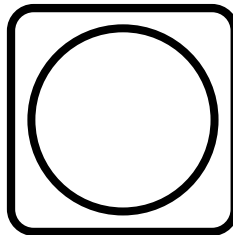
DRAW THE CODE

Just like robots follow instructions, or "codes", to move, draw shapes to tell our robot how to dance. Each shape is a dance step for our robot!



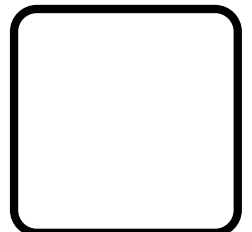
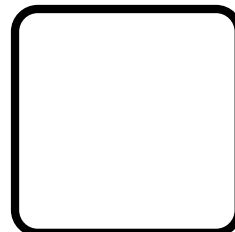
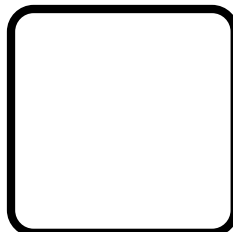
JUMP, SPIN, WAVE

Example



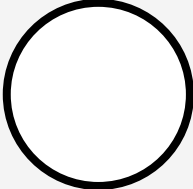
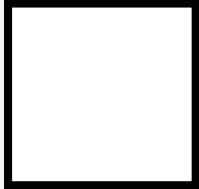
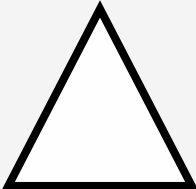

HOP, WAVE, JUMP

Match dance steps with code shapes



CODE & RUN ACTIVITY

Design a code like robots use, then act out the moves for a friend or family member!

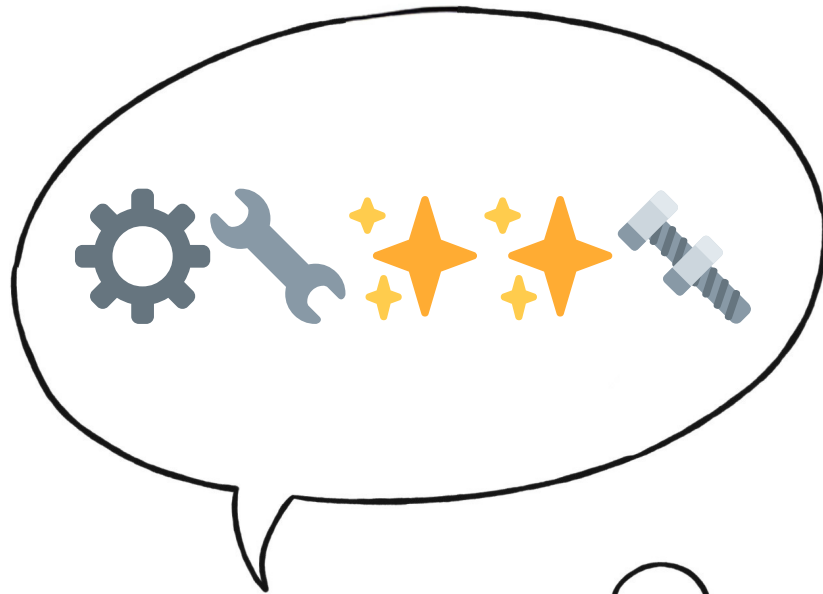
Dance Moves Code Legend			
			
JUMP	HOP	SPIN	WAVE

Think about your dance code and draw the steps below:





Now run your code, by acting it out!

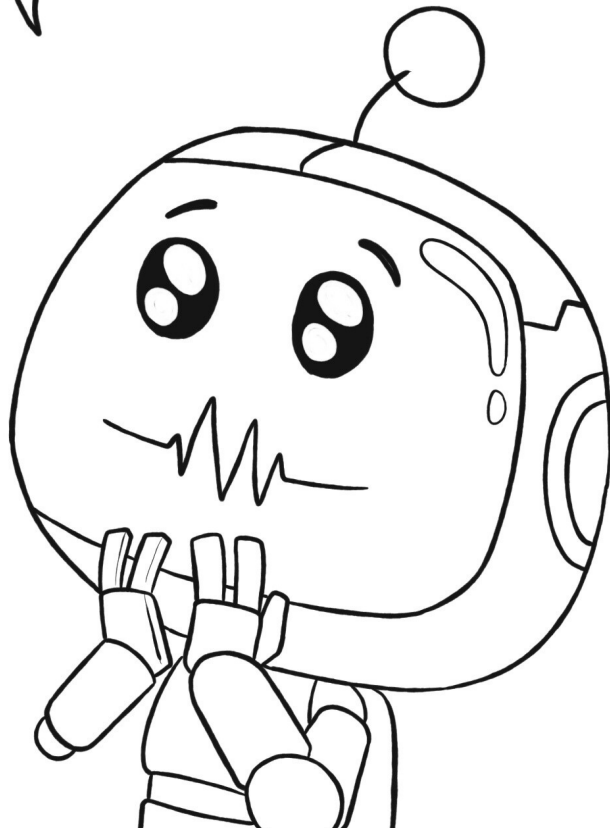
DECODE THE MESSAGE

Computers and robots use codes to talk to each other, just like this! When you decode my message, you're thinking like a computer.



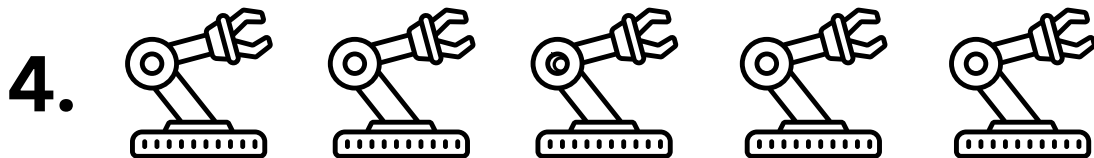
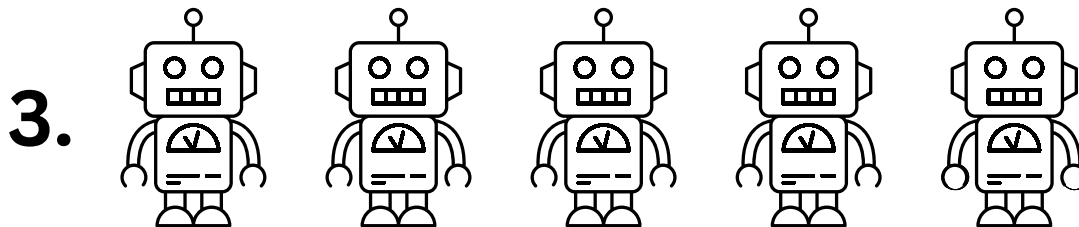
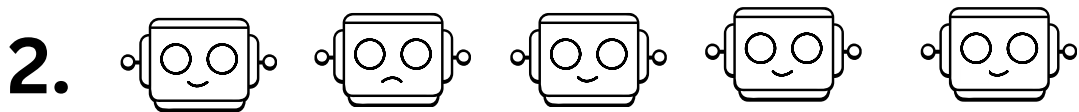
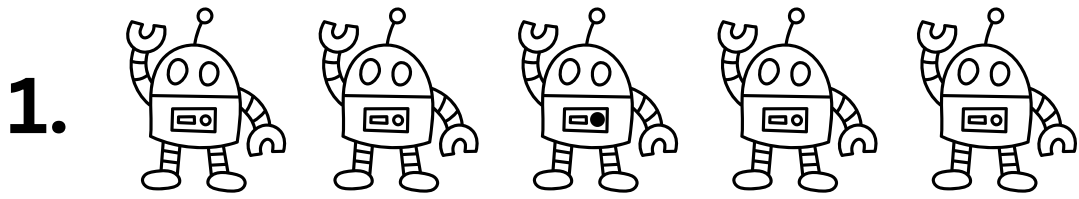
Decoding Key:

-  = O
-  = E
-  = H
-  = L



AI ANOMALY DETECTIVES!

Get set to play AI detective! Look at the group of robots and find the one that's a bit different from the others. Can you spot it?



ANSWER KEY: 1. Robot 3, 2. Robot 3, 3. Robot 2, 4. Robot 3



DESIGN YOUR ROBOT

Now that you've learned about AI and robots, create your own unique robot design and show it to a friend.

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