

Name: _____

Transmitting Digital Signals

CIA Agents work for the CIA, which stands for the Central Intelligence Agency. The CIA is a U.S. government organization that collects information on people and other countries. This information is typically important to national security and is top secret. Because the information must stay a secret, CIA agents send information to each other using codes. Read the attached article about how CIA agents use codes. Then, follow the steps below to write your own messages using code!

Step 1: Write Messages Using Morse Code

Use the Morse Code Key on the next page to write three messages in the box below. Then, have a classmate, friend, or family member use the Morse Code Key to figure out what your messages say! Need some help coming up with messages to send? Read the Message Ideas box.

Message 1

Message 2

Message 3

Message Ideas

What do you want to eat for dinner?

What times of games do you like?

What is your favorite book or TV show?

What is your favorite animal?

What time do you want to go outside?

What is your least favorite vegetable?

Transmitting Digital Signals-Morse Code Key

A	• —	N	— •	1	• — — — —
B	— • • •	O	— — —	2	• • — — —
C	— • — •	P	• — — •	3	• • • — —
D	— • •	Q	— — • —	4	• • • • —
E	•	R	• — •	5	• • • • •
F	• • — •	S	• • •	6	— • • • •
G	— — •	T	—	7	— — • • •
H	• • • •	U	• • —	8	— — — • •
I	• •	V	• • • —	9	— — — — •
J	• — — — —	W	• — —	0	— — — — —
K	— • —	X	— • • —		
L	• — • •	Y	— • — —		
M	— —	Z	— — • •		

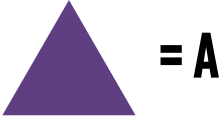
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Step 2: Invent Your Own Code

Now, you get to create your own secret code! Pick a symbol or word to represent every letter or number.

For example, you can have a triangle represent the letter A.



Fill in your own secret code key on the next page. Then, write out a message using your code in the space below. Give your classmate, friend, or family member your code key and have them figure out your message.

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A	J	S
B	K	T
C	L	U
D	M	V
E	N	W
F	O	X
G	P	Y
H	Q	Z
I	R	