



Name : _____

Communicating With Morse Code

Morse Code can be used to communicate information across a long distance using light, sound, or any other method that can be sensed or detected.

Letters are represented via sequences of *dots* (•) and *dashes* (—).

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

EXAMPLE

H	E	L	L	O	/	W	O	R	L	D
....	•	• — ...	• — ...	— — —	/	• — —	— — —	• — •	• — ...	— ...

TRY MORSE CODE

Use Morse Code to encode the text :

M	O	R	S	E	/	C	O	D	E
					/				

Decode the Morse Code :

— — • —	• • —	• —	— •	—	• • —	— —

Name : _____

Design A Protocol

Work with a partner to design a protocol to communicate in Morse Code using light or sound. Describe how you will transmit dots (·) and dashes (—) using light or sound.

A dot (·) will be transmitted by :

A dash (—) will be transmitted by :

Describe any other parts of your protocol that you feel are needed, if any :

Try Your Protocol!

Use your protocol to send one of the words/phrases from the previous page to your partner. Make changes to the protocol, if needed.

Morse Code : _____

Send a New Message!

Use your protocol to send your partner a new message.

My message : _____

Morse Code (to send) : _____

Morse Code (received) : _____

My partner's message : _____