MORSE CODE

Use Morse Code to send fun 'secret' messages to your friends!

INSTRUCTIONS

STEP 1: Print out two code keys and worksheets.

STEP 2: Write a message or your name on the worksheet. Don't show your friend your message.

STEP 3: Sit in a dark room across from each other.

STEP 4: Use the morse code key to send your message using your flashlight. Flash the light one second for each dot, and 3 seconds for each dash. Go slowly so your friend can interpret each letter.

STEP 5: Now it's your friend's turn to send a message to you! Have fun sending each other 'secret' messages!

> **SUPPLIES**
>
> **Morse code key**
> **Worksheet**
> **Flashlight**
> **A friend**

MORSE CODE

Morse code is named after Samuel Morse, one of the inventors of the telegraph. It is a form of communication in which sounds, or signals, are used as letters! The telegraph operator would encode a message and use a machine to tap out the signals to send that message.

There are two sounds/signals used in Morse code. They are written as dots and dashes. The dash has a longer pause between, and the dots are very short sounds.

The telegraph used electrical current bursts to carry the message, but you can even just use tapping to send a message to a friend! Give it a try!

MORSE CODE

The International Morse Code uses patterns of dots and dashes to represent letters and punctuation.
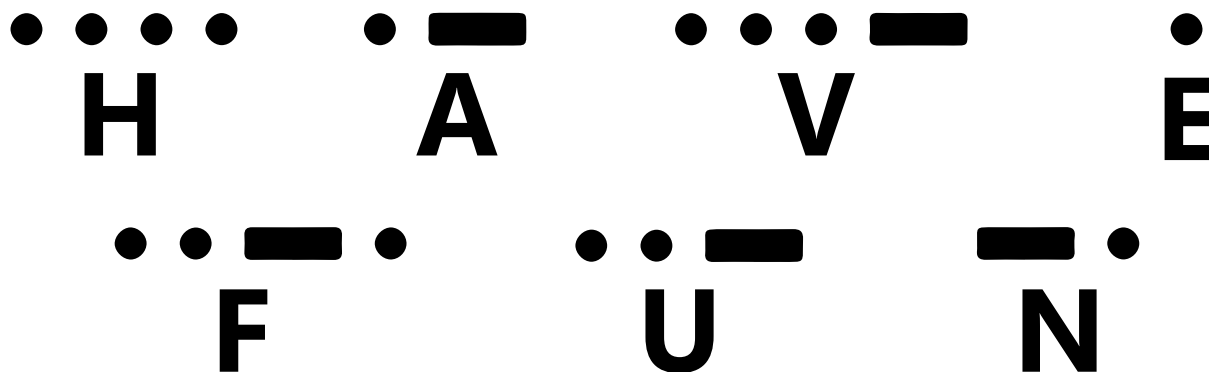
A ● ▬
B ▬ ● ● ●
C ▬ ● ▬ ●
D ▬ ● ●
E ●
F ● ● ▬ ●
G ▬ ▬ ●
H ● ● ● ●
I ● ●
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X ▬ ● ● ▬
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Z ▬ ▬ ● ●

1 ● ▬ ▬ ▬ ▬
2 ● ● ▬ ▬ ▬
3 ● ● ● ▬ ▬
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8 ▬ ▬ ▬ ● ●
9 ▬ ▬ ▬ ▬ ●
10 ▬ ▬ ▬ ▬ ▬

MORSE CODE

Use the Morse code key to send your friend a fun message!
Also, try flashing out your name!

• • • •   • ▬   • • • ▬   •
H   **A**   **V**   **E**

• • ▬ •   • • ▬   ▬ ▬ •
F   **U**   **N**

NAME _____

MESSAGE 1 _____

_____

MESSAGE 2 _____

_____