

# Example of Message Using Morse Code

.. . -  
... -.-  
- ....  
-- --- . -.- . -.-  
... -.- ...  
.- -  
.- . -.- . ....  
... ---  
.- -  
-.- -.-  
.-. .... -.- -.-  
.-  
-.- -.- .

# Example of Message Using Morse Code - Key

meet by the monkey bars at recess so we can play a game

MEET

BY

THE

MONKEY

BAR

AT

RECESS

SO

WE

CAN

PLAY

A

GAME

# Steps to Create Codes

## Step 1: Practice Using Morse Code

First, you will practice turning a message into Morse Code. Look at the key your teacher provided you. Use the key to write out the following words in Morse Code.

- iPhone
- 

- Desert
- 

After you finish writing out Morse Code, think about these things:

- When you checked your answer, did you made any mistakes?
- Can you think of a way to make it easier to write a code?
- What would happen if someone lost the code?

## Step 2: Create a Secret Code

You will create a secret code for the message below. You should pick a symbol or word to represent every letter and number.

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



# Lesson: Understanding Digital Signals

Write your key here:














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














Extra time? Design a code for the numbers 0 - 9 or a special code for your name or another favorite word!










After you finish writing out your secret code, think about these things:

- Would someone be able to guess your code without the key?
- Is it easy to write a message without making mistakes?
- Is your code easy to understand with the key?

# Morse Code Key

A   
B   
C   
D   
E   
F   
G   
H   
I   
J   
K   
L   
M 

N   
O   
P   
Q   
R   
S   
T   
U   
V   
W   
X   
Y   
Z 

1   
2   
3   
4   
5   
6   
7   
8   
9   
0 