

SIGNAL LAB: CAN YOUR PARTNER DECODE IT?

DAYS 8-10

NAME: _____

PARTNER: _____

PERIOD / DATE: _____

OBJECTIVE

Use short and long electrical signals to communicate a message.

DEMONSTRATION OF LEARNING

Record a blind decode test, revise from evidence, and improve the final result.

DAY 8 • PLAN + BUILD

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 ●—●	

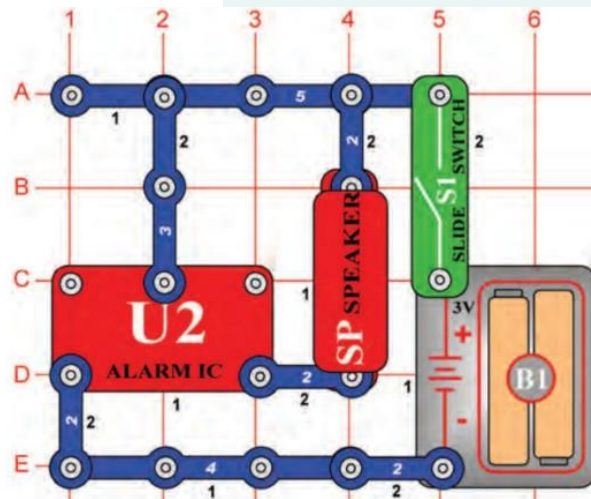
MESSAGE BANK

GO OK YES NO
WAIT TURN OPEN CLOSE

My approved message: _____

Letters: _____

Morse code: _____



Approved alarm/speaker circuit diagram from the VILS/ASU lesson.

- ☐ Circuit matches the approved diagram
- ☐ Switch is off before power
- ☐ Sound works more than once
- ☐ Written Morse checked letter by letter

Rehearsal notes

Our counting rule for a dot, dash, and letter space: _____

DAYS 9-10 • BLIND TEST + REVISION

The partner may use the Morse key but may not see the written message. The sender may not speak, point, mouth the word, or give hints.

TEST	PARTNER'S EXACT DECODE	EVIDENCE / PROBLEM	RESULT
Practice			
First blind test			
Final blind test			

Required revision

TIMING	SPACING	VOLUME	CONNECTION
☐ We changed this	☐ We changed this	☐ We changed this	☐ We changed this
The first signal was hard / easy to decode because _____. We changed _____. The final result _____.			

100-point self-check

CRITERION	PTS	MY EVIDENCE
Safe, working circuit	25	
Code accuracy + signal timing	25	
Partner test + revision	25	
Evidence + explanation	25	
Circuit explanation: The switch _____, which caused _____, so the speaker _____.		

