

# MORSE CODE ACTIVITY

## You will need:

- 2 pencils
- 2 pieces of paper
- 2 torches
- A partner

## Instructions:

1. Study the chart below and write out the following messages in morse code leaving a space between the letters, for example: SOS would be ... --- ...

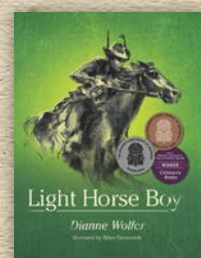
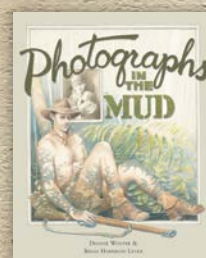
HELLO ATTENTION  
STORM COMING

2. Now try each of the words using your torch – a short flash is a dot and a long flash is a dash.
3. Once you have the hang of it, write your own secret message in morse code keeping it hidden from your partner.
4. Now take it in turns to send messages using your torches – write down your partner's dots and dashes on your paper then try to decipher them.

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



From the book *Lighthouse Girl*  
by Dianne Wolfer and Brian Simmonds.



Other books by Dianne Wolfer.

# IN FLANDERS FIELDS



## MAKE YOUR OWN PERISCOPE

A periscope is an instrument that allows you to see objects that are not in your direct line of sight. In WWI periscopes played a life-saving role for soldiers who used them to see out of the trenches. This allowed them to see the enemy without the enemy seeing them.

### To make your own periscope you will need:

- Two clean one-litre milk cartons
- Two small rectangular mirrors – the longest side should be slightly longer than the width of the milk cartons
- Sticky tape and glue
- A craft knife or scissors
- A pencil and a ruler

### Instructions:

1. Cut the tops off the milk cartons.
2. Cut a square window into one face of the first carton (around 6 mm from the bottom).
3. Turn the carton on its side so the window is facing right and draw a line 45 degrees from the bottom right-hand corner to the left-hand edge.
4. Make a slit along this line only as wide as the shorter end of the mirror.
5. Turn the carton on its side so that the window is now facing left and draw a line at 45 degrees from the bottom left-hand corner to the right-hand edge, then repeat step 4.
6. Insert the mirror through both slits so that it is sitting inside the carton. The mirror's face should be visible through the window.
7. Apply steps 2–6 to the second carton.
8. Place one carton on the table with the window facing you and put the second on top with the window facing away from you, then tape the two together.
9. You now have a periscope! Hold it sideways to see around corners, look through the top window to see under tables or through the bottom window to look over fences.

