Map Mysteries

You need: photocopies of the map copymasters, a classmate
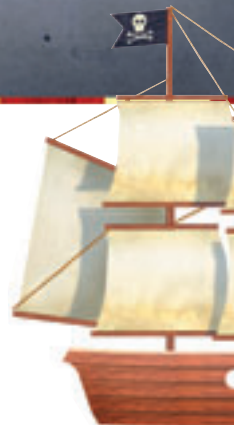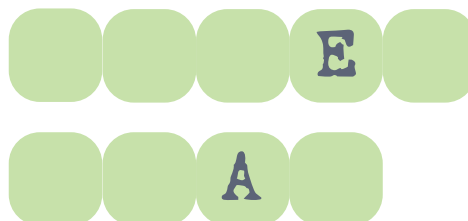
ACTIVITY

Jake the pirate left his big secret in the form of a map and a poem. Help solve the mystery: where is Jake's treasure?

Co-ordinates

(5,8), (4,13), (17,9), (12,7), (14,5),

(8,10), (10,9), (10,19), (15,8)

Specifying location, using grid references

Jake's Poem

In days gone by, I was BAD –
A pirate feared and dread.
Now some will cheer and few be sad:
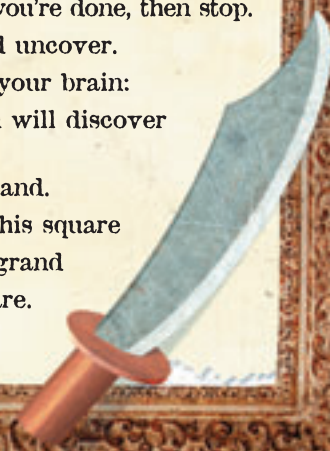My ship's near in – I'll soon be dead.

I leave to you, my whānau,
A map and a mystery to be solved.
So get your brain cells on the go –
There's lots of loot involved.

Find places using the co-ordinates –
The first letters are all you need.
In each of the boxes, one of them fits.
They spell two words indeed.

You think you've got it? Wait – there's more!
Write the alphabet from A to Z,
And circle all the letters from your store.
Then start with E, count to the next …

Keep counting until with 3s you're done, then stop.
6, 4, 3s, 2, and 1 you should uncover.
These are the numbers for your brain:
Add them together and you will discover

A special number in your hand.
Co-ordinate the factors of this square
And treasure unbelievably grand
Is yours to spend – and share.

Play this game with a classmate to decide what share of the treasure you will each get.
You both need a copy of one of the map copymasters. Make sure that you keep what's on yours hidden from your classmate. The rules are the same as for Battleships, but this time, you're looking for diamonds, gold, and silver.

Treasure	Bounty points (1 000 total)			
Order of finding	1st	2nd	3rd	4th
Diamonds	160	130	110	90
Gold	110	90	70	50
Silver	70	50	40	30

The first time a treasure is found earns more bounty points than the second, third, or fourth time. (See the table.) Add your points together. What fraction or percentage of 1 000 is your total? This will be your share of the treasure.