

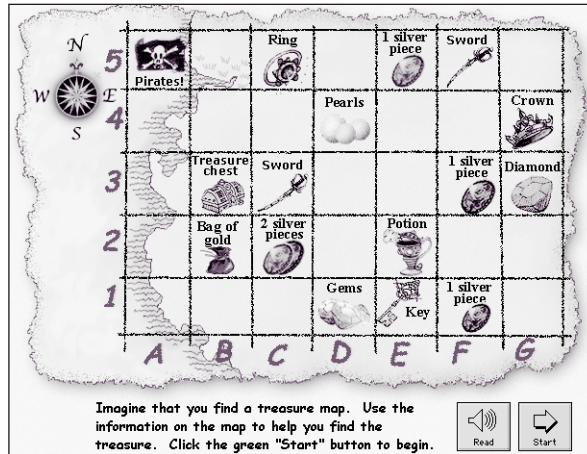
## Pirate Treasure

**Approach:** Station

**Level:** Year 4 and year 8

**Focus:** Interpreting a map, including grid references, and recording responses on the computer.

**Resources:** Macintosh Powerbook 5300cs computer, mouse, headphones, mousepad, Hypercard® program.



### Questions/instructions:

Students had two chances to get each instruction correct. If they still had it wrong they were shown the correct answer before moving on to the next instruction.

Imagine that you find a treasure map.  
Use the information on the map to help you find the treasure.  
Click the green button to start.

Your boat lands on B4.  
Click to show where you are.

	y4	y8
1st attempt	61	84
2nd attempt	11	9

It's good to take a compass with you.  
Click on the compass.

	y4	y8
1st attempt	73	90
2nd attempt	8	6

Using your compass travel 2 places east.  
Click to show where you are going

	y4	y8
1st attempt	43	71
2nd attempt	13	10

You now set off to the south.  
Go three places. Click to show where you are going.

	y4	y8
1st attempt	59	79
2nd attempt	13	11

You now set off in a north west direction.  
Move two places.  
Click on your new position.

	y4	y8
1st attempt	36	69
2nd attempt	9	14

Help! Pirates! They have taken your boat.  
Go to A2 to get your boat back.  
Click on A2

	y4	y8
1st attempt	66	83
2nd attempt	10	12

	y4	y8
<b>Total score:</b>	12	34
10-11	23	40
7-9	28	18
4-6	24	6
0-3	14	2

### Commentary:

On average, about 20 percent more year 8 than year 4 students were successful at their first attempt. About 75 percent of year 8 students had consistent success, succeeding with all instructions and requiring no more than two second attempts.