

Computing

LO: I can create an algorithm

Watch the video on the website of you haven't already.

Your task is to create an algorithm which will get Scott from the starting position to the South Pole. You must stop in the camps on the way. However, you must avoid the blizzards and crevasses. You need to try and do this in the fewest steps possible.

Your first task is to recreate the grid. You could draw it in your book or any other way: post it notes, books, pieces of paper, chalk on the drive, etc. You'll need to use an object as Captain Scott so that you know where you are on the grid. Make sure you know which way you're facing.

You then need to write your algorithm. You can use the following pieces of code:







forwards

backwards

90° clockwise

90° anti-clockwise

stop (this code must be used when you land on a camp and when you reach the pole)

				South Pole
				
				
				
start				