Teacher Cheat Sheet - Game Coding Challenges











		 Click on the drop down box within the - point towards tab. Choose mouse-pointer. This means that the Sprite will follow the mouse pointer for an unlimited amount of time. Run the program by pressing the green flag.
Challenge #9 Animate a sprite to change colours, and effects	rm normal Color Fisheye Whid Pixelate Mosaic Brightness Chost Change color = effect by 25 Set color = effect to 0 clear graphic effects	 Begin by choosing a sprite. Once the sprite is Start by clicking on the <i>CONTROL</i> tab. Use - When Green Flag clicked. Go to the <i>LOOKS</i> tab and take out the - <i>change</i> effect by 25. Also, take out the - set effect to 0. Attach the blocks together and use the dropdown box to change the different effects. You can change the <i>CONTROL</i> to be a key pressed by changing the blocks to - <i>when</i> key is pressed.
Challenge #10 Maze Game	<pre>when // clicked gt to x: e220 y: c0 swy Hi to tome for a avesome mane for @ secs </pre>	 Click on the <i>CONTROL</i> tab and drag out 3 - when green flag clicked - and 4 - when arrows are clicked. You can use the previous movement methods (as described earlier in the cheat sheet) or, go to <i>MOVEMENT</i> and drag out 4 - <i>point in the direction</i>, and 4 <i>move</i> steps. Attach the four - <i>move in the direction</i> - to the <i>CONTROL</i> - when arrows are clicked and change them to the different degrees necessary to move. Up = 0 Left = -90 Down = 180 Right = 90 Once you have established how the Sprite is going to move, put the Sprite at the start of the maze. Once this is done, check to see what the co-ordinates are (eg. x=-226, y= 80). Go back to <i>MOTION</i> and drag out 2 - go <i>to x:</i> y: Attach these to - <i>when Green flag</i> <i>clicked</i> - and set the coordinates to the beginning of the game. Go back to <i>CONTROL</i> and grab a forever loop, and an If - loop as well. Attach the Forever loop to one of the -

	 9. Take the <i>If</i> loop and place it inside the forever loop. 10. Go to the <i>SENSING</i> tab and drag out a - <i>Touching colour</i>. Drag this into the If loop box. It will slide right into it. In
	order to set the colour of your border all you have to do is click on the touching colour, then click on your border. This will automatically set your program to that colour. Now that the colour is set, once your sprite touches this colour they will be sent back to the start of the game.
	 You can add sounds, and dialogue by following the instructions set out in the previous lessons.