



Scratch Coding Terms for TSA Coding

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| 1. | animation | A series of images shown one after another, to make it look as if things are moving. |
| 2. | backdrop | In Scratch, the picture in the background of the stage. |
| 3. | backdrop library | In Scratch, a list of available backdrops. |
| 4. | backpack | Part of a Scratch account where you can store sprites, backdrops and scripts to use later. |
| 5. | binary | A system of counting with 1s and 0s, used by all computers. |
| 6. | bitmap | In computing, an image made up of individual dots of colour or pixels. In Scratch, a painting mode which lets you draw pixel by pixel. |
| 7. | block | In Scratch, a unit of code which can be put together with other blocks to make a script. |
| 8. | block menu | In Scratch, a group of blocks of a particular kind, such as Motion (movement) or Looks (appearance). |
| 9. | Boolean block | In Scratch, a reporter block with only two options: true/yes or false/no. |
| 10. | Boolean logic | A way of working things out, used by all computers, which involves breaking decisions down into simple yes/no questions. |
| 11. | BPM | Beats per minute, used to measure the tempo of music. |
| 12. | broadcasting | In Scratch, sending a message from one part of the code to another. |
| 13. | bug | An error in code which stops a program from running properly. |
| 14. | byte | A unit used to measure amounts of computer data. |



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15. C-block	In Scratch, a block which wraps around other blocks to form a C-shape, such as loops and if... blocks. The shape helps to control syntax and make the structure clear.
16. cap block	In Scratch, a block which finishes or 'caps' a script; these blocks can't have another block added below.
17. clear	To wipe clean or delete something, usually from the screen.
18. click	Selecting something by clicking the mouse button (always the left mouse button, unless it says 'right click').
19. clone	An identical copy. In Scratch, it means a copy of a sprite.
20. code	Instructions written in computer language, telling a computer what to do.
21. coding	Writing instructions for a computer.
22. computer	A machine designed to follow instructions and process data; this is sometimes described as taking input and turning it into results or output.
23. computer language	A language designed for computers, with a set word list and syntax; Scratch is one example.
24. computer logic	The basic rules which all computers follow.
25. condition	In computing, something which a computer must consider before making a decision. In Scratch, conditions are set by Boolean blocks.
26. conditionals	Instructions which tell the computer to react differently to different conditions, such as 'if' or 'repeat until'.
27. constant	In computing, a piece of data which is fixed (the opposite of a variable).
28. Control menu	



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	In Scratch, a group of blocks used to control other blocks or scripts.
29. coordinates	A way of dividing an area into a grid and measuring distances, so you can find things by how far left/right (x coordinate) and up/down (y coordinate) they are.
30. costumes	In Scratch, different versions of the same sprite.
31. cropping	Trimming the edges of a picture.
32. cursor	The flashing line which shows where your typing will appear on-screen. Also sometimes used as another name for the mouse-pointer.
33. custom block	In Scratch, a single block which can contain a whole set of others. You can make your own custom blocks in the More Blocks menu.
34. data	Information used by a computer. Any data that might change must be labelled -- usually by creating variables of lists. A piece of data that does not change is sometimes described as a constant.
35. Data menu	In Scratch, a group of blocks used to deal with variables and lists.
36. debugging	Fixing code to remove errors or bugs.
37. delete	To remove something from the computer's memory.
38. double-click	To click the left mouse button twice.
39. download	To save something from a website onto a computer.
40. drag	In computing, to move an item while holding down a mouse button. In racing, a force which slows things down.
41. drop-down-menu	A list of options which appears when you click.



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42. duplicate	Create an identical copy.
43. ellipse	A round or oval shape.
44. Event menu	In Scratch, a group of blocks used for starting and stopping scripts.
45. Extension	In Scratch, extra blocks which can be added to control certain electronic toys.
46. file	A set of information save on a computer. Different types of files have different letters or file extensions at the end.
47. file extension	The set of letters after the dot in a file name, which tells the computer what kind of information is in the file. For example, .jpg is an image and .wav is a sound.
48. file name	What you call a file when you save it on a computer.
49. flow chart	A type of diagram which can be used to plan each step of a program.
50. folder	A way of grouping together different computer files when you save them.
51. font	A style of lettering.
52. graphic effects / special effects	Effects which change the appearance of a picture.
53. green flag button	In Scratch, starts all scripts with a 'when green flag clicked' start block.
54. start blocks / hat blocks	In Scratch, these activate all the blocks attached underneath them.
55. icon	In computing, a small picture which represents something, such as a file or a set of controls.
56. if/else	



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	In computing, a conditional instruction which tells the computer what to do in two situations.
57. if/then	In computing, a conditional instruction which tells the computer what to do in two situations.
58. infinite scroller	A type of game which carries on until the player makes a mistake.
59. input	Information or instructions which you put into a computer.
60. internet	A huge network which allows computers around the world to communicate with each other.
61. keywords	Instruction words with a fixed, precise meaning for the computer, such as 'move' or 'play'.
62. landscape icon	In Scratch, the button which opens the Backdrop library.
63. layers	A way of dividing pictures so that some parts appear in front of others.
64. level	A challenge to complete in a computer game.
65. list	A way of organising any number of pieces of information for a computer.
66. logging in	Accessing a computer account by entering a username and password.
67. Looks menu	In Scratch, a group of blocks used to change how things appear on the stage.
68. loop	A section of code which repeats.
69. megabyte (MB)	Just over one million bytes (1,048,576) bytes.
70. menu	A list of options.
71. messaging	In computing, sending information between different parts of a program; in Scratch, this is done by broadcasting.



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72. Microphone icon	In Scratch, the button which allows you to record sounds.
73. More Blocks menu	In Scratch, a block menu which allows you to create your own custom blocks.
74. Motion menu	In Scratch, a group of blocks used to move sprites around the stage.
75. mouse-pointer	The arrow you see on screen, which is controlled by moving the mouse.
76. My Stuff	If you have a Scratch account, this is where your projects will be saved.
77. nested loop	A loop inside a loop.
78. offline	When a computer is NOT connected to the internet.
79. online	When a computer is connected to the internet.
80. Operators menu	In Scratch, a group of blocks used for doing mathematics and setting out conditions with Boolean logic.
81. output	The results you get from a computer.
82. paintbrush icon	In Scratch, the button which brings up the painting tools.
83. painting tools	In Scratch, a set of tools which allow you to create your own sprites and backdrops.
84. palette	In computing, a display of available options (usually colours).
85. Pen menu	In Scratch, a group of blocks used for drawing with sprites.
86. pixelate	A graphic effect which breaks up a picture into large coloured dots.
87. pixels	The coloured dots which make up the picture on a screen.



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88. program	A set of instructions in computer language, which tells a computer what to do.
89. random	Not decided by a pattern or system, so it's impossible to predict.
90. red button	In Scratch, this stops all scripts.
91. remix	In Scratch, a new version of a project, in which the code has been altered.
92. repeat forever	In computing, an instruction which makes a section of code repeat endlessly. In Scratch, this is done by a C-block.
93. repeat until	In computing, an instruction which makes a section of code repeat until a certain condition is met. In Scratch, this is done by a C-block with a conditional.
94. reporter block	In Scratch, a block used inside another block, and which contains a value (such as a variable or a string) which it then 'reports' to the block around it.
95. right-click	To click the right-hand mouse button.
96. rotation style	In Scratch, the way a sprite turns around if it reaches the edge of the stage.
97. routine	In computing, a named, reusable section of code; in Scratch, this is done by custom blocks.
98. run	To set a program or script going.
99. save	To store computer files so you can use them again later. With Scratch, you can do this online in your Scratch account or offline on your computer.
100. Scratch	A computer language designed especially to teach beginners about coding.



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101. Scratch account	A way of using Scratch online, which allows you to store your projects and share them with others.
102. Scratcher	A person who uses Scratch.
103. screen refresh	When a computer updates the picture on screen.
104. script	In Scratch, a set of instructions made by stacking blocks of code together.
105. script area	In Scratch, the part of the screen where you stack up blocks of code into scripts for a selected sprite.
106. scroll	Move around the visible part of the screen, usually by sliding a bar on the right and another at the bottom.
107. Sensing menu	In Scratch, a group of blocks which make sprites react to certain conditions.
108. slider	A button which enables you to move smoothly through a range of numbers.
109. Sound menu	In Scratch, a group of blocks which control music and sound effects.
110. Sounds Library	In Scratch, the sounds available to use.
111. speaker icon	In Scratch, the button which opens the Sounds Library.
112. sprite	In Scratch, the part of the screen where you can see all the sprites used in a project.
113. sprite icon	In Scratch, the button which opens the Sprite Library.
114. Sprite Library	In Scratch, a list of the sprites available to use.
115. stack	In Scratch, a set of blocks that have been joined together.
116. stack block	In Scratch, an ordinary rectangular block which accepts other blocks above and below.



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117. stage	In Scratch, this is where you see your code run. It also has its own code area where you can attach scripts to control backdrops and background effects.
118. start blocks	In Scratch, these activate all the blocks attached underneath them. Also called 'hat blocks'.
119. start screen / title screen	The first screen you see in a computer game.
120. string	In computing, a sequence of letters or numbers that the computer treats as characters (that is, not as a number).
121. syntax	A way of setting out code so a computer will be able to understand it.
122. tempo	The speed of music, measured in beats per minute (BPM).
123. Text tool	In Scratch, a painting tool which allows you to add letters to your picture.
124. upload	To send data or files from your computer to somewhere else, usually so the contents can be used or viewed online.
125. username	A name you use to register for an online service, such as a Scratch account.
126. variable	A way of labelling information for a computer so it can keep track of items that might change.
127. vector image	In computing, an image made up of individual shapes. In Scratch, a painting mode which lets you draw with shapes.
128. webcam	A camera connected to a computer.
129. website	A page (or group of pages) which you can look at on the Internet.



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130. window	In computing, a framed screen displaying the information for one program.
131. x coordinate	A number which decides how far left or right across the grid (in Scratch, the stage) that something appears.
132. y coordinate	A number which decides how far up or down on a grid (in Scratch, the stage) something appears.
133. zoom in	Make a picture larger, so you can see more detail.
134. zoom out	Make a picture smaller, so you can see more of it.
