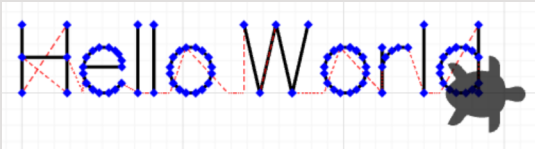


Embroidering Text



draw text Hello World with size 21



The **draw text _ with size _** block lets you embroider texts.

When creating the letters, jump stitches are included automatically at the right positions.

text length of Hello World with size 21

142

With the **text length of _** block you can find out the length of your text in pixels on the stage.

50 pixels on the TurtleStitch stage match 1 cm on the embroidery machine.

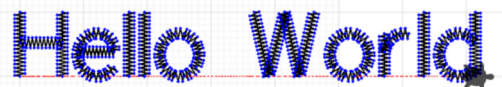
The letters don't have a uniform length.

zigzag with density 3 width 8 center ☒

You can use different embroidery types with the draw text _ block, too.

lengths

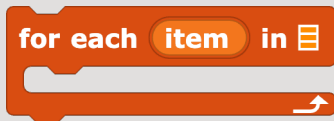
| 26 | A | B |
|----|---|----|
| 1 | A | 16 |
| 2 | B | 14 |
| 3 | C | 15 |
| 4 | D | 14 |
| 5 | E | 13 |
| 6 | F | 13 |
| 7 | G | 15 |
| 8 | H | 14 |
| 9 | I | 0 |
| 10 | J | 10 |
| 11 | K | 14 |
| 12 | L | 12 |
| 13 | M | 16 |
| 14 | N | 14 |
| 15 | O | 16 |
| 16 | P | 14 |
| 17 | Q | 16 |
| 18 | R | 14 |
| 19 | S | 14 |
| 20 | T | 14 |
| 21 | U | 14 |
| 22 | V | 16 |
| 23 | W | 20 |
| 24 | X | 14 |
| 25 | Y | 16 |
| 26 | Z | 14 |



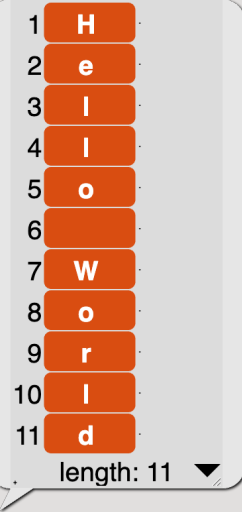
Embroidering Text



If you want to execute further commands for each letter, you can **split** the text **by letters** and then process each letter with the **for each item** block.



split Hello World by letter ▼



You can e.g. draw the letters in a wiggly line or a circle, by turning and moving a little after each step.

