


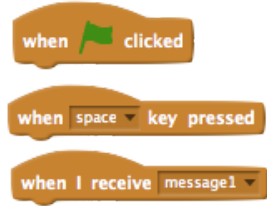
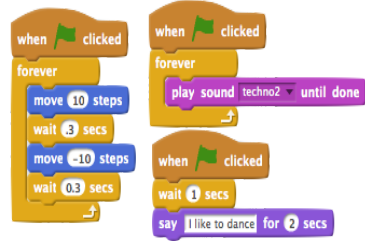


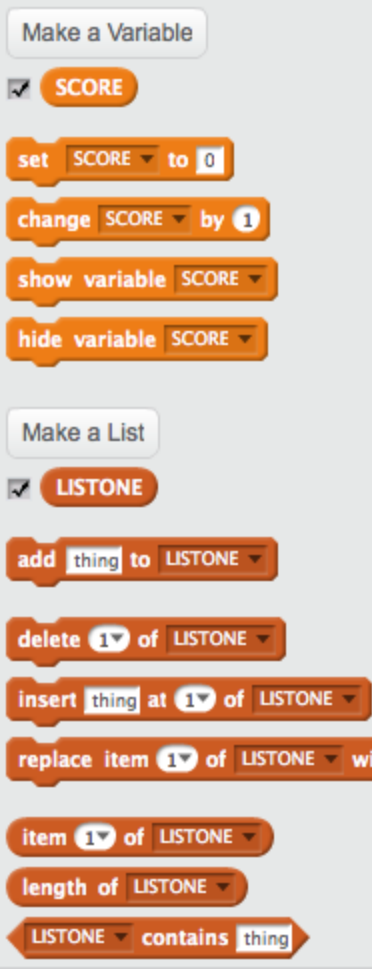


Vocabulary Word/Concept	Description	Example
SCRIPT	is a collection of blocks that all interlock with one another.	
SEQUENCE	The order of the blocks that make a script. Sequence or the order of the blocks are very important, as they determine how sprites interact with each other and the backdrop.	
LOOP	running the same sequence multiple times	
EVENT	one thing causing another thing to happen	
PARALLELISM	making things happen at the same time	
CONDITIONALS	making decision based on conditions which supports multiple outcomes	

OPERATORS	support mathematical and logical and string expressions	 <p>The Operators palette in Scratch includes the following blocks:</p> <ul style="list-style-type: none"> <li>Mathematical: <code>+</code>, <code>-</code>, <code>*</code>, <code>/</code>, <code>&lt;</code>, <code>=</code>, <code>&gt;</code>, <code>round</code>, <code>mod</code>, <code>sqrt of</code>.</li> <li>Logical: <code>and</code>, <code>or</code>, <code>not</code>.</li> <li>String: <code>pick random 1 to 10</code>, <code>join hello world</code>, <code>letter 1 of world</code>, <code>letter 1 of world</code>.</li> </ul>
DATA	storing, retrieving and updating values; in SCRATCH data can be contained in VARIABLES or LISTS	 <p>The Variables and Lists palettes in Scratch include the following blocks:</p> <p><b>Make a Variable</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>SCORE</b></li> <li><code>set SCORE to 0</code></li> <li><code>change SCORE by 1</code></li> <li><code>show variable SCORE</code></li> <li><code>hide variable SCORE</code></li> </ul> <p><b>Make a List</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>LISTONE</b></li> <li><code>add thing to LISTONE</code></li> <li><code>delete 1 of LISTONE</code></li> <li><code>insert thing at 1 of LISTONE</code></li> <li><code>replace item 1 of LISTONE with</code></li> <li><code>item 1 of LISTONE</code></li> <li><code>length of LISTONE</code></li> <li><code>LISTONE contains thing</code></li> </ul>