**Using a Scanning Keyboard to Access Weavly**

The following activity examples use the Grid 3 keyboard with the Landmarks map background. Ensure that keyboard shortcuts have been turned on in Weavly.

Graphical user interface, text, application

Description automatically generated

Open the Grid3 keyboard and use the Dock cell to dock the keyboard on the left side of Weavly.

Graphical user interface, application

Description automatically generated

**Activity 1: Blue-Bot starts on the airplane (A1) facing the right side of the map and ends on the Great Pyramid (C2)**

Graphical user interface, application

Description automatically generated

|  |  |  |
| --- | --- | --- |
| Move Blue-Bot to A1 facing right | Select Position Character  Select Move Up 1  Select Back |  |
| Move forward  (select the move forward command and add it to the program sequence) | Select Actions  Select Move Forward  Select Add |  |
| Move forward  (already selected, just need to add another to the program) | Select Add |  |
| Turn right 90 degrees | Select Actions  Select Turn Right 90 degrees  Select Add |  |
| Move forward | Select Actions  Select Move Forward  Select Add |  |
| Play program | Select Play |  |
| Clear the program | Select Delete All  Select Delete All Yes |  |
| Clear Blue-bot’s Path | Select Refresh |  |
| Trouble shooting  If the Grid is not responding:   1. ensure that the enable shortcuts setting is on 2. ensure the website is in focus | Select Focus Program |  |

**Activity 2: Blue-Bot starts on the airplane (A1) facing the bottom of the map and ends on the Windmills (H3)**

|  |  |  |
| --- | --- | --- |
| Move Blue-Bot to A1 facing down | Select Position Character  Select Move Up 1  Select Turn Right twice  Select Back | Graphical user interface, text, chat or text message  Description automatically generated |
| Move forward | Select Actions  Select Move Forward  Select Add | Text  Description automatically generated A picture containing text, sky, monitor, sign  Description automatically generated Text, icon  Description automatically generated |
| Move forward  (already selected, just need to add another to the program) | Select Add | Text, icon  Description automatically generated |
| Turn left 90 degrees | Select Actions  Select Turn Left 90 degrees  Select Add | Text  Description automatically generated  Text, icon  Description automatically generated |
| Move forward 7 times | Select Actions  Select Loop  Select Add  Select Number  Select 7  Select Back  Select Action  Select Move Forward  Select Add | Text  Description automatically generated  Text, icon  Description automatically generated    Text  Description automatically generated A picture containing text, sky, monitor, sign  Description automatically generatedText, icon  Description automatically generated |
| Play program | Select Play | Shape  Description automatically generated with low confidence |
| Clear the program | Select Delete All  Select Delete All Yes | Text, icon, whiteboard  Description automatically generated Text, whiteboard  Description automatically generated |
| Clear Blue-bot’s Path | Select Refresh | Graphical user interface, text  Description automatically generated |
| Trouble shooting  If the Grid is not responding:   1. ensure that the enable shortcuts setting is on 2. ensure the website is in focus | Select Focus Program | Text, chat or text message, icon  Description automatically generated |

Activity 3: Debugging – **Blue-Bot starts on the airplane (A1) facing the bottom of the map and ends on the Windmills (H3). You have created the program above, but instead of using turn right 90 degrees, turn left 90 degrees was selected. Therefore, the task is to replace the 90 degree right turn with a 90 degree left turn.**

A screenshot of a video game

Description automatically generated with medium confidence

|  |  |  |
| --- | --- | --- |
| Place focus on the Turn right 90 degrees block in the program line | Select Focus Program | Text, chat or text message, icon  Description automatically generated |
| Change the focus from the first  to the Turn Right block | Select Move Focus Next  Select Move Focus Next 3 |  |
| Select the Turn Left block | Select Actions  Select Turn Left 90 degrees | Text  Description automatically generated |
| Replace the Turn Right block with the Turn Left block | Select Replace |  |

Now refresh the position of Blue-Bot (the program will remember the last starting position on the airplane facing the bottom of the map) and replay the program sequence.

**Activity 4: Blue-Bot starts on the airplane (A1) facing the right side of the map and ends on the Great Pyramid (C2). You create the program below and then need to debug. You realize that the right turn needs to be moved in the program sequence to the third rather than the fourth step in the sequence.**

Graphical user interface, application

Description automatically generated

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| --- | --- | --- |
| Place focus on the Turn right 90 degrees block in the program line | Select Focus Program if the focus is not in the program. This will place the focus on the first  in the program sequence. | Text, chat or text message, icon  Description automatically generated |
| If you have selected Focus Program, move the focus to the Turn Right block | Select Move Focus Next  Select Move Focus Next 3  Select Move Focus Next  Select Move Focus Next 1 |  |
| Move the Turn Right block to the left one space | Select Move Block  Select Move Block Left 1 |  |

Now refresh to Blue-Bot’s starting position and replay the program sequence.