**Week 20 Day 1 Task 1: Working towards ARE**

**groups with teacher or TA**

 Place your map on the table and set Robbie the Robot at the starting point.

 Plan Robbie's path to get home without crashing into any houses.

 Decide the steps Robbie needs to take (forward, backward, left, or right) and write or say them in order.

 Test your program by entering the commands and watching Robbie move.

 If Robbie doesn’t get home, adjust your program and try again.

* Once Robbie gets home, celebrate your success!

**Outcomes:**

I can follow and give instructions involving direction and movement including left and right.

|  |  |
| --- | --- |
| Learning Outcomes/Rubrics: | |
| I can follow instructions involving direction and movement including left and right. |  |
| I can give instructions involving direction and movement including left and right. |  |

**Day 1 task 2:**

Solve sheet 1

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**Week 20 Day 1 Task 1: Working at ARE**

**Groups with teacher to TA**

 Place your map on the table and set Robbie the Robot at the starting point.

 Plan Robbie's path to get home without crashing into any houses.

 Decide the steps Robbie needs to take (forward, backward, left, or right) and write or say them in order.

 Test your program by entering the commands and watching Robbie move.

 If Robbie doesn’t get home, adjust your program and try again.

 Once Robbie gets home, celebrate your success!

**Outcomes:**

I can follow and give instructions involving direction and movement including left and right.

|  |  |
| --- | --- |
| Learning Outcomes/Rubrics: | |
| I can follow instructions involving direction and movement including left and right. |  |
| I can give instructions involving direction and movement including left and right. |  |

**Day 1 task 2:**

Solve sheet 1

**Week 20 Day 1 Task 1: Greater Depth**

**Groups of 4 independemt**

 Place your map on the table and set Robbie the Robot at the starting point.

 Plan Robbie's path to get home without crashing into any houses.

 Decide the steps Robbie needs to take (forward, backward, left, or right) and write or say them in order.

 Test your program by entering the commands and watching Robbie move.

 If Robbie doesn’t get home, adjust your program and try again.

 Once Robbie gets home, celebrate your success!

**Outcomes:**

I can follow and give instructions involving direction and movement including left and right.

|  |  |
| --- | --- |
| Learning Outcomes/Rubrics: | |
| I can follow instructions involving direction and movement including left and right. |  |
| I can give instructions involving direction and movement including left and right. |  |

**Day 1 task 2:**

Solve sheet 1 (find 2 possible routes)