Example question

Help Steve to get into the boat.

Think carefully about what you want to happen.

Tell me what instructions you will need to give Steve.

What I want to happen in the program.	Steve's instructions (algorithm).
I want Steve to get into the boat.	Move forward Turn right Move forward until you get into the boat

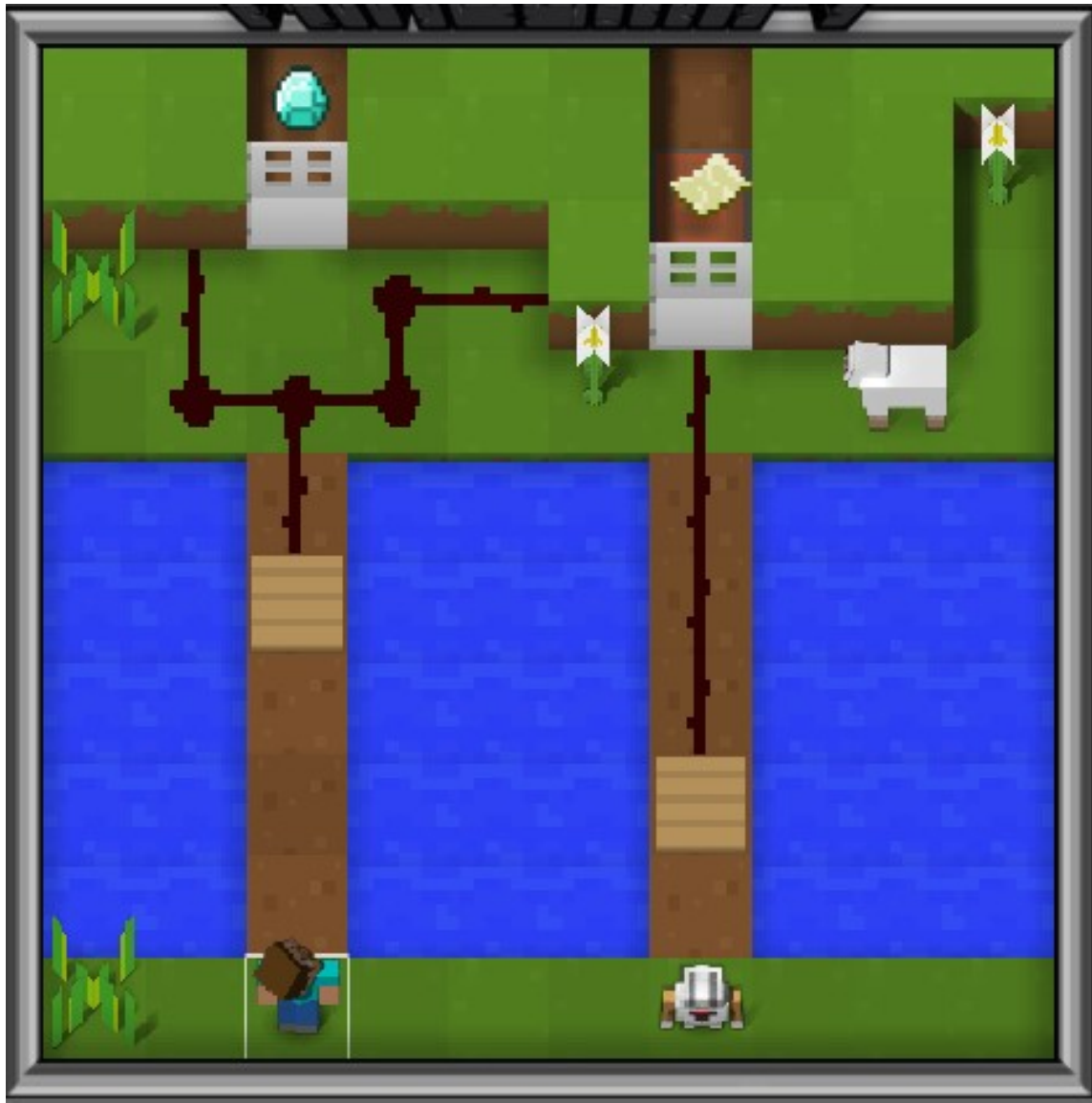Plan how to solve this problem. This time 2 sprites need instructions.

Steve needs to leave the house but the door is locked.

The silver agent needs to step on the pressure pad to open the door

When the door is open, Steve needs to collect the box in the bottom right Corner.

Now try to build your algorithm using code In Minecraft. Test your code and debug it if you need to.

Tell me what you want to happen in the program.	Agent's instructions (algorithm)	Steve's instructions (algorithm)

Steve needs to get through one of the doors at the top of the picture but they are closed.

The agent needs to step on one of the pads to open the door.

Extra challenge: There are 2 items to collect. Can you get both of them?

Tell me what you want to happen in the program.	Agent's instructions (algorithm)	Steve's instructions (algorithm)