

Name: _____ Date: _____ Class: _____

Robot Soccer Challenge Worksheet **Answer Key**

1. In the chart below, fill in which message the controller NXT sends when each button is pushed when the Robot Soccer program is running.

When this button is pressed on the controller...	the controller sends this message via Bluetooth
orange	"1"
left	"2"
right	"3"
none	"0"

2. Complete the following message by filling in which action the receiver NXT performs when it receives each message.

When the receiver receives this message via Bluetooth...	the receiver performs this action
"3"	turn right
"2"	turn left
"1"	move forward
"0"	do nothing