

Common

Zavora1

2,000

Wait

Control: Time

Until: Seconds: 2

Home »

Robot Educator

- Common Palette
- Complete Palette
- Data Logging

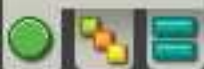
Select:

- ☐ Speaker
- ☐ Touch Sensor
- ☐ Light Sensor
- ☐ Motor
- ☐ All
- ☐ Ultrasonic Sensor
- ☐ Display
- ☐ Lamp
- ☐ Sound Sensor
- ☐ Temperature Sensor

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help »](#)



Wait



Control:

Time:



Until:

Seconds:

2



LEGO MINDSTORMS ...



4.jpg (100%) - Paint...



Zavora1

Common

Zavora1

2,000

Loop

Control: Count

Until: Count: 10

Show: Counter

Home »

Robot Educator

- Common Palette
- Complete Palette
- Data Logging

Select:

- ☐ Speaker
- ☐ Touch Sensor
- ☐ Light Sensor
- ☐ Motor
- ☐ All
- ☐ Ultrasonic Sensor
- ☐ Display
- ☐ Lamp
- ☐ Sound Sensor
- ☐ Temperature Sensor

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help »](#)

Loop



	Control:	Count	
	Until:	Count:	10
	Show:	☐  Counter	

Start

LEGO MINDSTORMS ...

6.jpg (100%) - Paint....

Zavora1

FileEditToolsHelp

User Profile: Default

Common

Zavora1

2,000

Home »

Robot Educator

+

Common Palette

+

Complete Palette

+

Data Logging

Select:

+

Speaker

+

Touch Sensor

+

Light Sensor

+

Motor

+

All

+

Ultrasonic Sensor

+

Display

+

Lamp

+

Sound Sensor

+

Temperature Sensor

Move

Port:

☐ A
☐ B
☒ C

Direction:

Steering:

C

Power:

100

Duration:

0,5

Seconds

Next Action:

R

0

A

0

B

0

C

Move Block

Use this block to set your robot to go forwards or backwards in a straight line or to turn by following a curve. Define how far your robot will go by using the Duration property.

[More help »](#)

Start

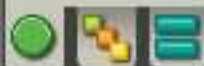
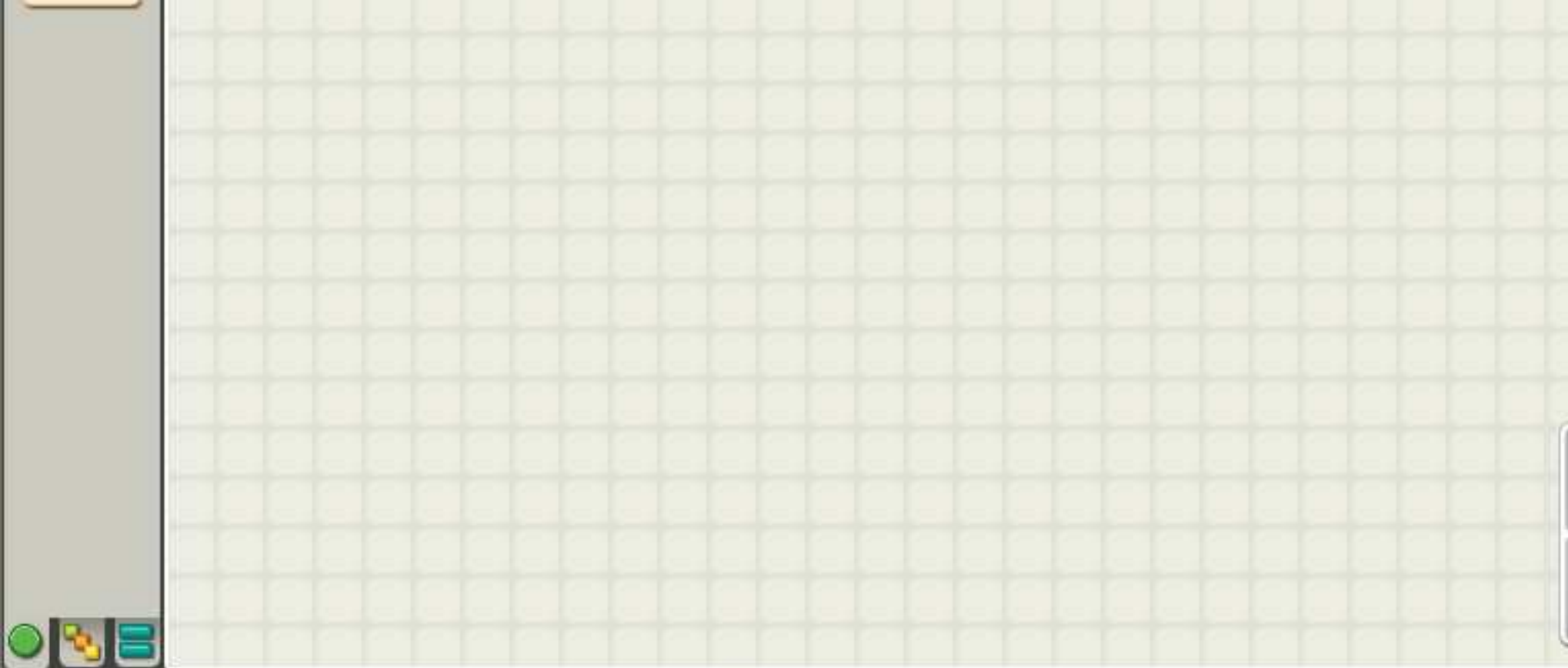
LEGO MINDSTORMS ...

8.jpg (100%) - Paint....

Zavora1

CS

12:06



Move

Port: ☐ A ☐ B ☒ C

Direction: ☒ Up ☐ Down ☐ Left ☐ Right

Steering:

Power: 100

Duration:

Next Action: ☒ Brake ☐ Coast

Move

Port: ☐ A ☒ B ☐ C

Direction: ☒ Up ☐ Down ☐ Left ☐ Right

Steering: ☐ B ☐ C

Power: ☐ 100

Duration: Seconds

Next Action: ☒ Brake ☐ Coast



Move

Port: ☐ A ☒ B ☐ C

Direction: ☐ Up ☐ Down ☐ Left ☐ Right

Steering:

Power:

Duration:

Next Action: ☐ Brake ☐ Coast

R
0 A
0 B
0 C

Move

Port: ☒ A ☐ B ☐ C

Direction: ☒ Up ☐ Down ☐ Left ☐ Right

Steering: ☐ A ☐ B ☐ C

Power:

Duration: Degrees

Next Action: ☒ Brake ☐ Coast

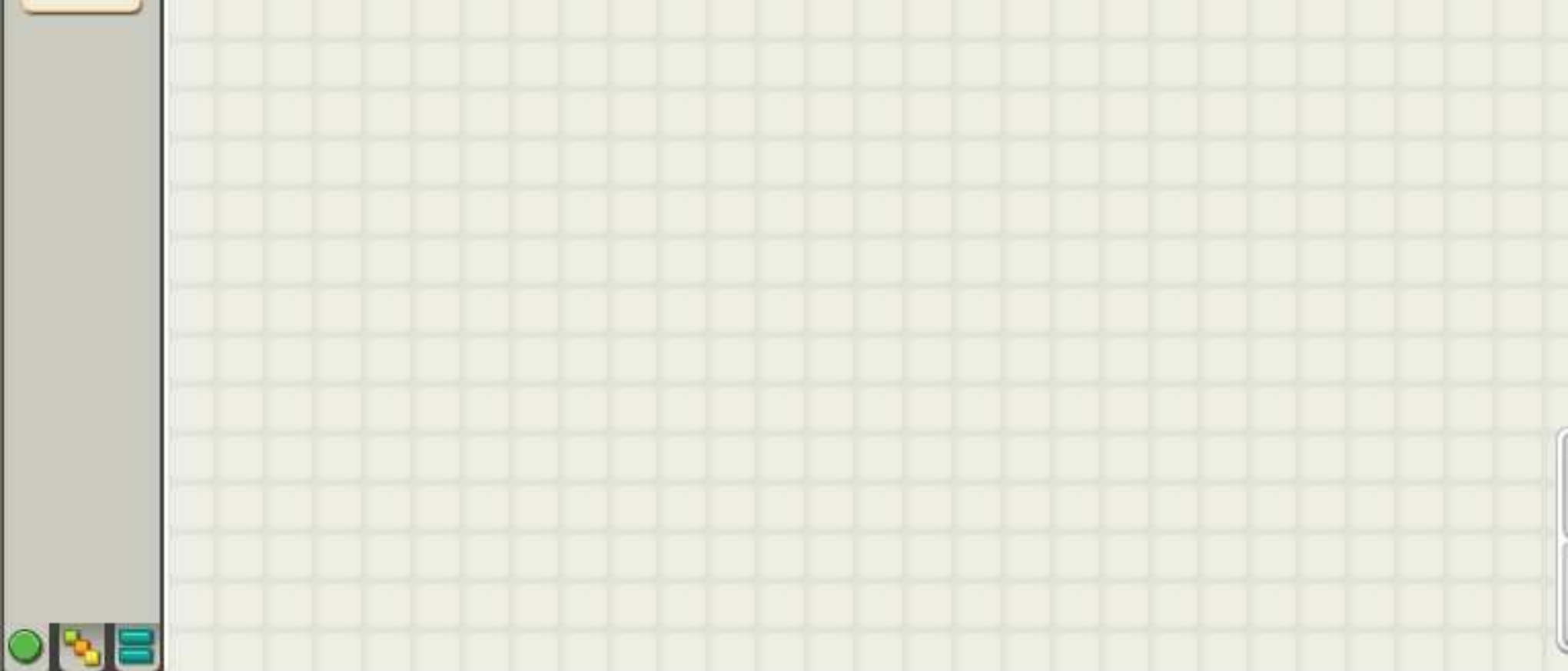
0 A
0 B
0 C

Home »
Robot Educator

- ☒ Common Palette 
- ☒ Complete Palette 
- ☒ Data Logging 

- Select:
- ☒ Speaker
 - ☒ Touch Sensor
 - ☒ Light Sensor
 - ☒ Motor
 - ☒ All
 - ☒ Ultrasonic Sensor
 - ☒ Display
 - ☒ Lamp
 - ☒ Sound Sensor
 - ☒ Temperature Sensor

Need help?
Move the cursor over an object to read about its function. For additional help, click the "More help" link.
[More help »](#)



Move

 Port: ☒ A ☐ B ☐ C

 Direction: ☐  ☐  ☐ 

 Steering: 

 Power:  20

 Duration: Degrees 

 Next Action: ☐  Brake ☐  Coast

 R
0 A
0 B
0 C

The main workspace displays a LEGO Mindstorms program on a grid background. The program starts with a motor block set to 2,000. This is followed by a loop structure containing three gear blocks labeled A, B, and C. Below the loop is a motor block set to 5,000. The workspace includes a toolbar on the left with various icons for editing and running the program, and a bottom right area with navigation buttons.

Home »

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

- + Speaker
- + Touch Sensor
- + Light Sensor
- + Motor
- + All
- + Ultrasonic Sensor
- + Display
- + Lamp
- + Sound Sensor
- + Temperature Sensor

Wait

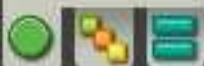
Control: Time

Until: Seconds: 5

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help »](#)



Wait



 Control: Time 

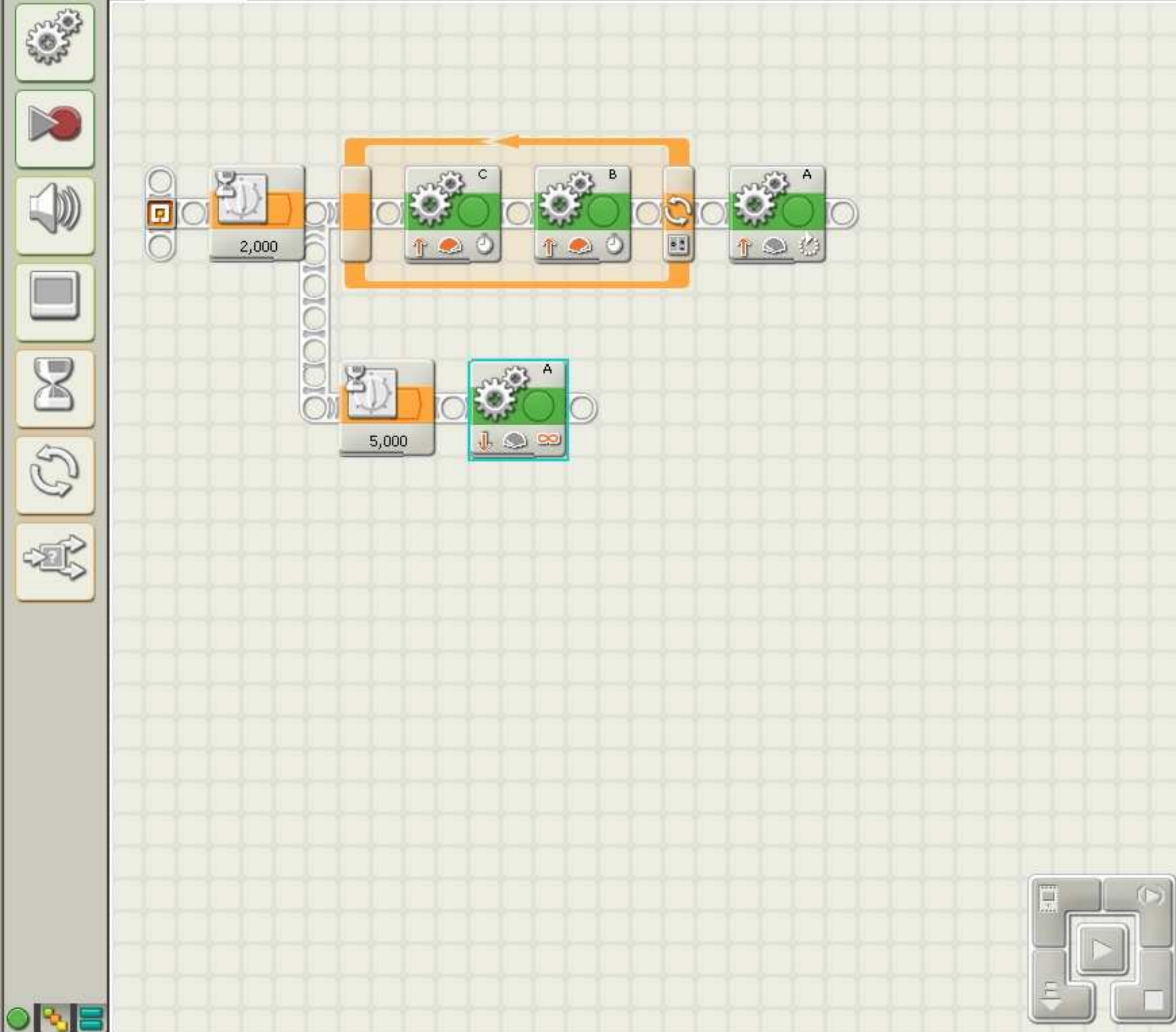
 Until: Seconds:



 LEGO MINDSTORMS ...

 14.jpg (100%) - Pain...

 Zavora1



Home »

Robot Educator

- Common Palette
- Complete Palette
- Data Logging

Select:

- ☐ Speaker
- ☐ Touch Sensor
- ☐ Light Sensor
- ☐ Motor
- ☐ All
- ☐ Ultrasonic Sensor
- ☐ Display
- ☐ Lamp
- ☐ Sound Sensor
- ☐ Temperature Sensor

Move

Port: ☒ A ☐ B ☐ C

Direction: ☐ Up ☐ Down ☐ Stop

Steering: ☐ A ☐ B ☐ C

Power: 20

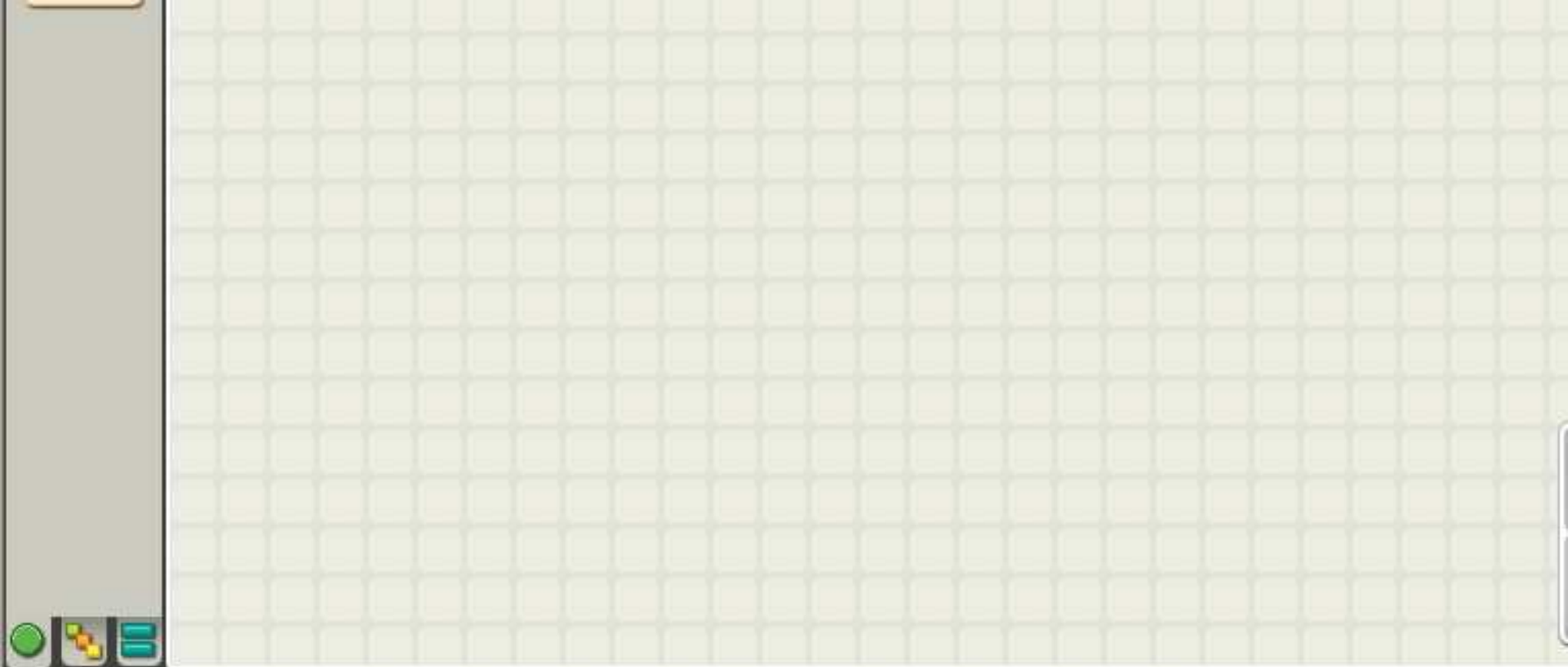
Duration: 360 Unlimited

Next Action: ☐ Brake ☐ Coast

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help »](#)



Move

Port: ☒ A ☐ B ☐ C

Direction: ☐ ☐ ☐ ☐

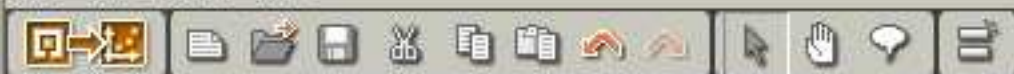
Steering:

Power: 20

Duration:

Next Action: ☐ Brake ☐ Coast

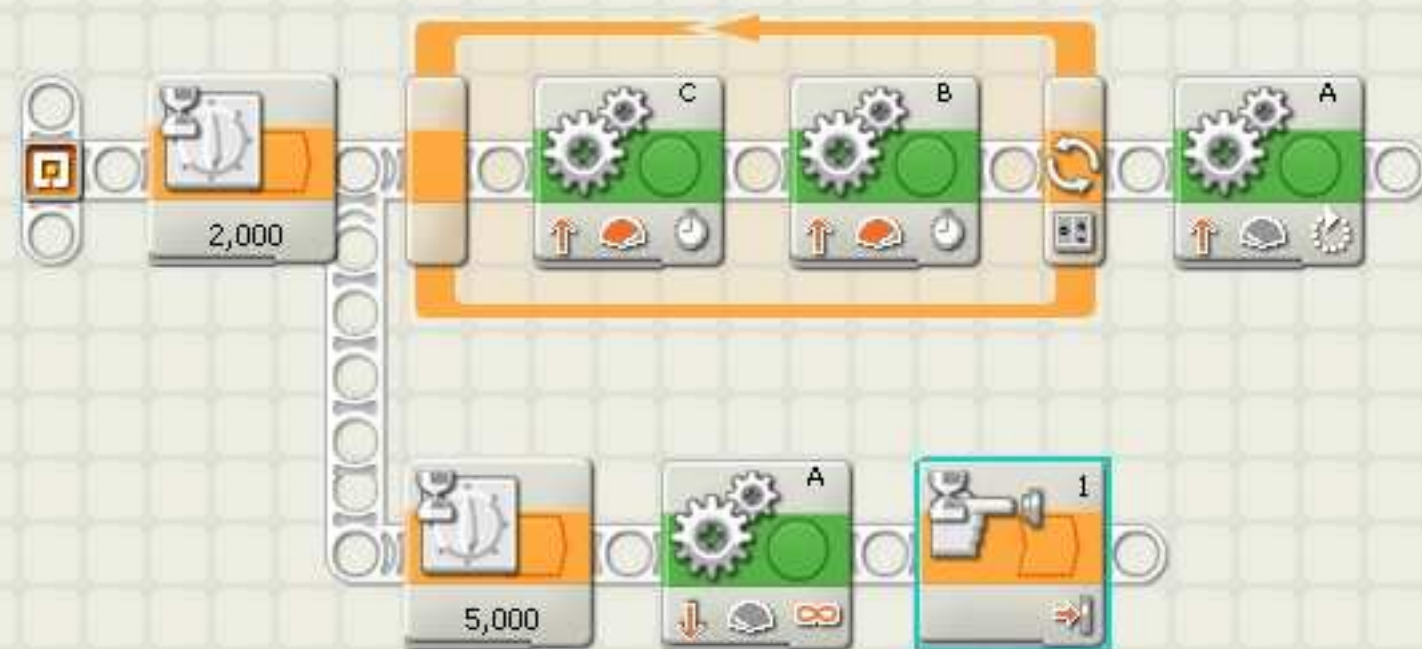
R
0 A
0 B
0 C



User Profile: Default

Common

Zavora1



Home >

Robot Educator



+ Common Palette



+ Complete Palette



+ Data Logging



Select:

+ Speaker

+ Ultrasonic Sensor

+ Touch Sensor

+ Display

+ Light Sensor

+ Lamp

+ Motor

+ Sound Sensor

+ All

+ Temperature Sensor

Wait



0

Control:

Sensor

Port:

1

2

3

4

Sensor:



Touch Sensor

Action:

+ Pressed

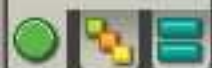
+ Released

+ Bumped

Need help?

Move the cursor over an object to read about its function. For additional help, click the "More help" link.

[More help >](#)



Wait



0

Control: Sensor

Sensor: Touch Sensor

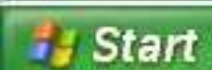


Port: 1 2 3 4

Action: ☒ Pressed

☐ Released

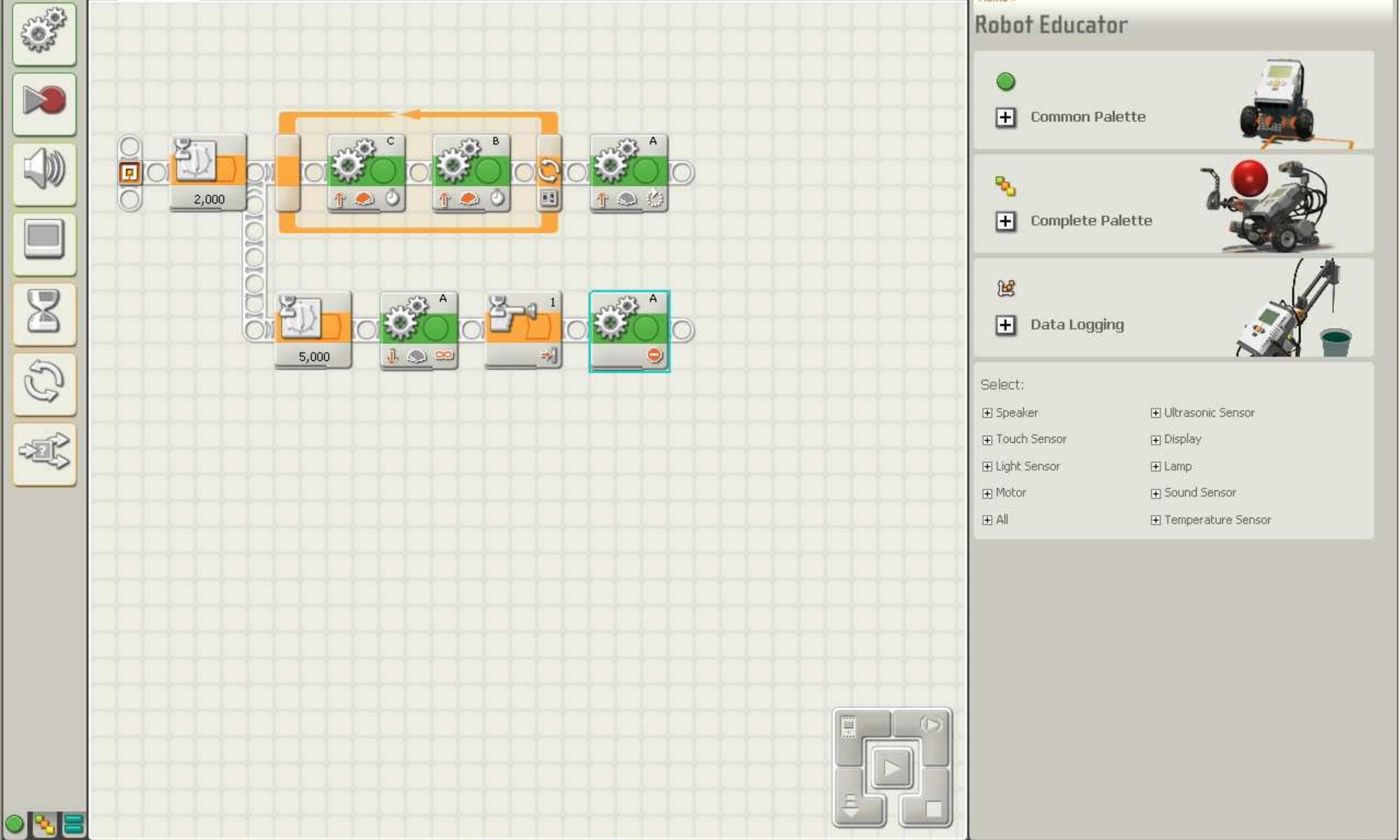
☐ Bumped



LEGO MINDSTORMS ...

18.jpg (100%) - Pain...

Zavora



Home » Robot Educator



Common Palette





Complete Palette





Data Logging



- Select:
- | | |
|---------------------------------------|---|
| ☐ Speaker | ☐ Ultrasonic Sensor |
| ☐ Touch Sensor | ☐ Display |
| ☐ Light Sensor | ☐ Lamp |
| ☐ Motor | ☐ Sound Sensor |
| ☐ All | ☐ Temperature Sensor |

Need help?
Move the cursor over an object to read about its function. For additional help, click the "More help" link.
[More help »](#)



Move

Port: ☒ A ☐ B ☐ C

Direction: ☐ Up ☐ Down ☐ Left ☐ Right

Steering: ☐ A ☐ B ☐ C

Power: 75

Duration: Rotations:

Next Action: ☐ Brake ☐ Coast

0 A
0 B
0 C