

L19: CSC 126, Introduction to Robotics

This is a team assignment designed as an in-class activity.

Directions for use

- Make a copy of this worksheet in your Google account.
- Turn on sharing by link. Do not make it publically accessible by web, only by link.
- Share your copy with pearcej@gmail.com and your partner(s) via their Google account.
- Change the TEAM names in the document title as directed.
- Submit the sharing address (not the edit address) of your completed activity into Moodle.

Library Outreach Requirement

Library Outreach requires a team of 4 students, 2 who commit to go to the library on the first outreach event and 2 who commit to go to the library on the second.

Member Roles

- Please list all team members below:

<u>Team Roles</u>	Member Name	Date of Library Outreach Saturday, April 21, 2018 or Sunday, April 29, 2018 both are 2:30-4:30 pm commitments
Facilitator: Keeps track of time and makes sure everyone contributes appropriately.		
Reflector: Considers how the answers could be deeper, and how the team could work and learn more effectively.		
Recorder: Makes a copy of this Doc and shares with the instructor pearcej@gmail.com and all teammates. Ensures all answers are recorded.		
Spokesperson/Driver: Talks to the instructors, TA(s),		

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other teams, and runs the robot.		
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Lab Activity:

Objectives

- Work in your teams to revise your library plans for the second outreach event
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1. (1 min) Write your team name

2. (5 min) Discuss how well your team's expectations were met at the first library outreach event. What went as well as or better than you expected? What did not? Explain.

3. (5 min) **Publicity:** Each team a few more posters. Follow the link, scan where others are put posters, then next to each team's name list where you plan to post additional posters. Try to get them spread out.

https://docs.google.com/spreadsheets/d/1yH2vIASKJXn2aO_NJbnT5UTD1FIYn5KLJYJUlvKuNR4/edit?usp=sharing

Next, you will discuss each of your robotic builds and programs so you can revise to make them even more engaging for the next robotic outreach event.

4. (10 min) **Focus: Robot Build 1:**

- Name:** What is this robot build/program's name?
- Photo:** Include a photo
- Expectations:** Discuss your past expectations of how the children would engage with this robot and how well the first robotic outreach worked.

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- d. **Modifications:** Discuss any modifications your team made to make it even more interesting/engaging for the second outreach event Explain.
- e. **Hopes:** What are your hopes regarding this new outreach event?
- f. **Explanation:** How will you explain/anthropomorphism this robot to the children?

- a.
- b.
- c.
- d.
- e.
- f.

5. (10 min) Focus: Robot Build 2:

- a. **Name:** What is this robot build/program's name?
- b. **Photo:** Include a photo
- c. **Expectations:** Discuss your past expectations of how the children would engage with this robot and how well the first robotic outreach worked.
- d. **Modifications:** Discuss any modifications your team made to make it even more interesting/engaging for the second outreach event. Explain.
- e. **Hopes:** What are your hopes regarding this new outreach event?
- f. **Explanation:** How will you explain/anthropomorphism this robot to the children?

- a.
- b.
- c.
- d.
- e.
- f.

6. (10 min) Focus: Robot Build 3:

- a. **Name:** What is this robot build/program's name?
- b. **Photo:** Include a photo
- c. **Expectations:** Discuss your past expectations of how the children would engage with this robot and how well the first robotic outreach worked.
- d. **Modifications:** Discuss any modifications your team made to make it even more interesting/engaging for the second outreach event Explain.

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- e. **Hopes:** What are your hopes regarding this new outreach event?
- f. **Explanation:** How will you explain/anthropomorphism this robot to the children?

- a.
- b.
- c.
- d.
- e.
- f.

7. (10 min) Focus: Robot Build 4:

- a. **Name:** What is this robot build/program's name?
- b. **Photo:** Include a photo
- c. **Expectations:** Discuss your past expectations of how the children would engage with this robot and how well the first robotic outreach worked.
- d. **Modifications:** Discuss any modifications your team made to make it even more interesting/engaging for the second outreach event Explain.
- e. **Hopes:** What are your hopes regarding this new outreach event?
- f. **Explanation:** How will you explain/anthropomorphism this robot to the children?

- a.
- b.
- c.
- d.
- e.
- f.

8. (10 min) Focus: Robot Build 5: (Optional--you are required to have 3, but some teams have more.)

- a. **Name:** What is this robot build/program's name?
- b. **Photo:** Include a photo
- c. **Expectations:** Discuss your past expectations of how the children would engage with this robot and how well the first robotic outreach worked.
- d. **Modifications:** Discuss any modifications your team made to make it even more interesting/engaging for the second outreach event Explain.
- e. **Hopes:** What are your hopes regarding this new outreach event?

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f. **Explanation:** How will you explain/anthropomorphism this robot to the children?

- a.
- b.
- c.
- d.
- e.
- f.

9. **(5 min)** Summarize your hopes and expectations for the second outreach event.

To submit

- **Submit the pdf of your completed lab activity in Moodle, AND**
- **Also, be sure to submit all of your programs, name them so you know what they are teamname-zombie.vi, etc. Be sure they are also loaded on your robots and that you have shared them all with all team members.**