PLTW COMPUTER SCIENCE

Activity 2.1.4

Lists and Arrays: Wavefront Navigation

THIS PROJECT IS STILL UNDER DEVELOPMENT.

Built-out project coming soon.

goals

- Decompose a project into smaller parts
- Apply coding fundamentals and iterative processes
- Develop an program as part of a team to solve a problem

description of task

Apply a wavefront algorithm to navigate a well defined environment.

Essential Questions

1. What is my role on the team and how will we mange equitable contributions?
2. What is the purpose of your program?
3. Where does the program integrate mathematical and/or logical concepts?
4. What does one of the algorithms do in the program?
5. How does an abstraction you created manage complexity in the program?
6. What part of the code did you develop?

Procedure

Part 1: Subheading

1. Procedure step one
2. Procedure step two
3. Procedure step three

Conclusion

1. What strategies could you apply to increase the chances your self-driving vehicle could navigate an environment without hitting anything?
2. How did you interpret and respond to the **essential questions**? Capture your thoughts for future conversations.