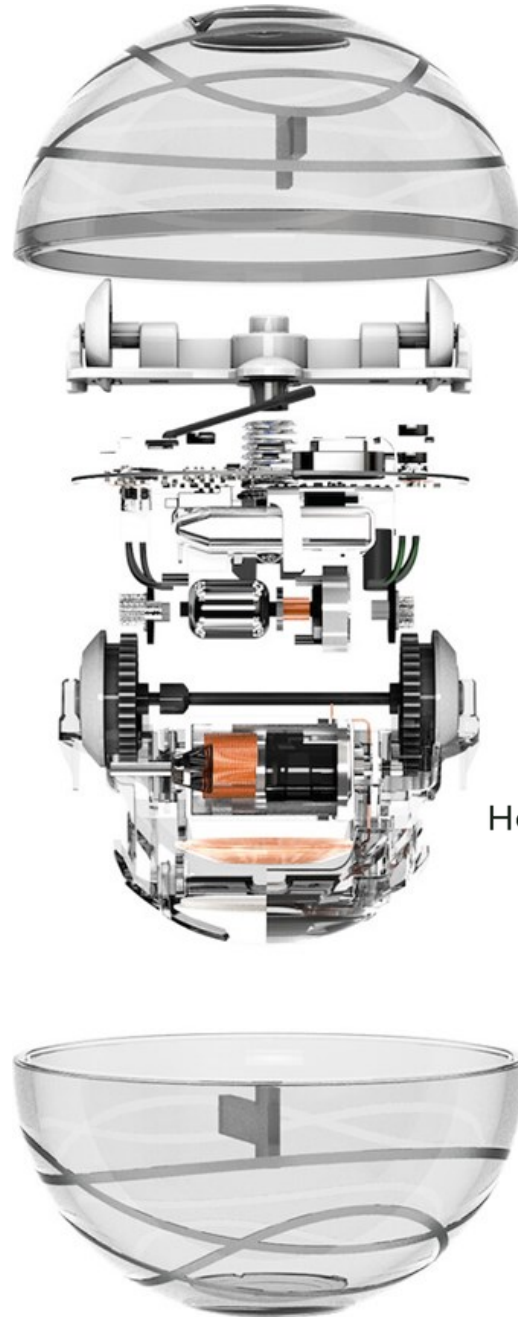


Glossary:

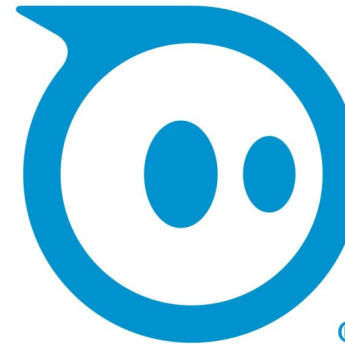
- predict - You predict what you think the code will do.
- Program - A set of ordered commands that can be run by a computer to complete a task
- Decompose - To break down a task into smaller, more achievable steps
- Sequence - The order in which things are arranged or happen
- Loop - Commands that repeatedly run a defined section of code
- Loop (count-controlled) - A command that repeatedly runs a defined section of code a predefined number of times
- Debug - The process of finding and correcting errors in a program
- condition - A statement that can be either True or False
- variable - A named piece of data (often a number or text) stored in a computer's memory, which can be accessed and changed by a computer program
- robot - A machine capable of carrying out a complex series of actions automatically



on start program

roll 0° at 100 speed for 2.5s
roll 90° at 100 speed for 2.5s
roll 180° at 100 speed for 2.5s
roll 270° at 100 speed for 2.5s

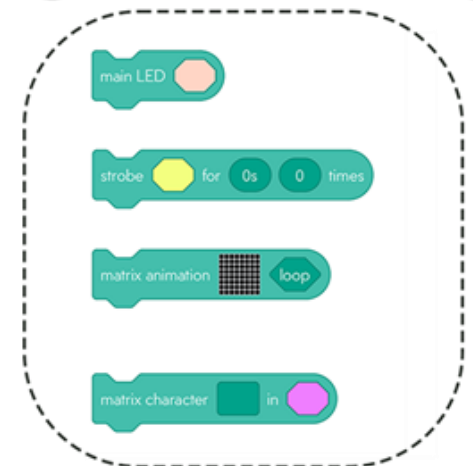
What shape will this create?



Heading Speed Duration

roll 0° at 50 speed for 2s

Light blocks to try



Sticky Knowledge:

- To know computer algorithms can be triggered by sensor inputs (when it is dark / when robot hits).
- To know how to code a robot around a specific path using a block coding language.