

1) ROBOTICS BADGES

DAISY ROBOTICS

1. Learn what Robots are
2. Learn what Robots do
3. Learn the Parts of a Robot
4. Design your own Robot
5. Learn how to Program a Robot
6. Build and Program a Robot

BROWNIE ROBOTICS

1. Create a Simple Machine
2. Test your Robot Senses
3. Learn how to Program a Robot
4. Try Programming
5. Code a Robot
6. Explore how Robots Imitate Nature
7. Learn about the Parts of a Robot
8. Plan, Create a Prototype, and get Feedback on your Robot
9. Learn how to Showcase your Robot

JUNIOR ROBOTICS

1. Learn how Robots Work
2. Discover the Robot Brain
3. Learn about and try Programming
4. Code a Robot
5. Discover the Future of Robots
6. Plan your Robot's Expertise
7. Create a Prototype
8. Get Feedback on your Robot
9. Learn how to Showcase your Robot

CADETTE

1. Learn about Robots
2. Build a Robot's Simple Sensor
3. Experiment with Robot Sensors
4. Learn about Programming
5. Write a Program for a Robot
6. Pick a Problem a Robot might Solve
7. Explore Possible Solutions and Plan a Prototype Robot
8. Create a Prototype
9. Get Feedback on your Robot
10. Learn how to Showcase your Robot