



Summer 2020 Lesson

Class: **Robotics**

Grade Band: **Grades 6 - 8**

Teacher: **Mr. Dev**

Objective: To introduce programming, increases creativity, prepare for the future, trouble shoot and instill innovation.

Materials: **Chromebook, laptop, MacBook, Desktop, Tablet or any device that has internet connection.**

Process: Please use the following links to sign up for your free classes in virtual Robotics, coding in Java Script and Python. Work at your own pace.

A: **CoderZ** Virtual Robotics Class Signup for beginners.

- 1) <https://play.gocoderz.com:443/login/#/joinclass/suspiciousspray>
- 2) Alternate Sign up <https://play.gocoderz.com/login/#/login>
Class Code: **suspiciousspray**

B: **CodeCombat** Java Script virtual gaming signup link

- 1) <https://codecombat.com/students? cc=DrySnowNight>
- 2) Alternate sign up <https://codecombat.com/> Class Code: **DrySnowNight**

C: **Ozaria** Python Programming Language

- 1) <https://www.ozaria.com/students? cc=StartNetDogo>
- 2) Alternate Sign up <https://www.ozaria.com/> Class Code: **StartNetDog**

Vocabulary: Approximate, Brain-storming, Compile, Control, Design, Developer, Download, Engineer, Entrepreneurial, Errors, Improvement, Incremental, Innovation, Malfunction, Measurements, Miscalculation, Model, Momentum, Organization, Power, Process, Programmable, Proximity, Pseudocode, Quantity, Refinement, Roboticist, Safety, Sensor, Software, Sophistication.