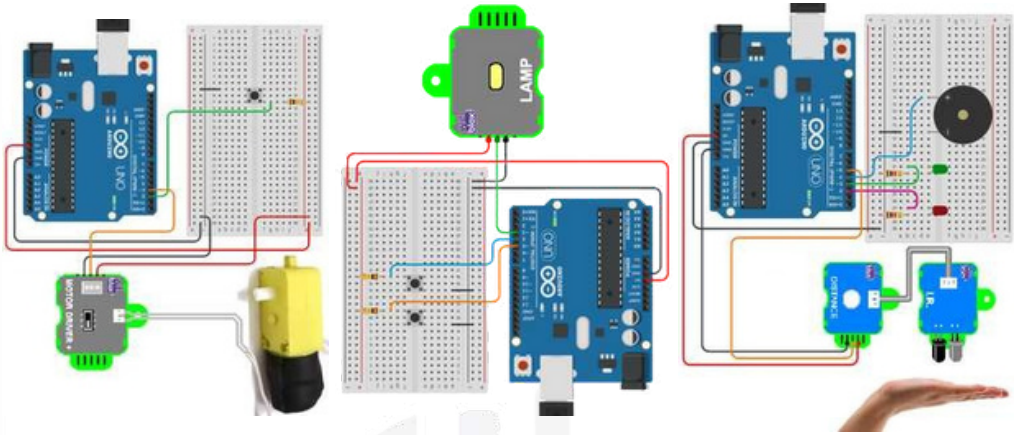
Grade 9 Curriculum

OLL



1. **Introduction**
   Welcome to Robotics

2. **LED Blink Patterns**
   in depth Electronics

3. **Digital Inputs**
   in depth Electronics

4. **Analog Inputs**
   Programming & Coding

5. **Toggle Panic Alarm**
   Programming & Coding

6. **DC Motor Interface**
   in depth Electonics

7. **Concept Of PWM**
   Programming & Coding

8. **Light intensity to Sound Frequency Converter**

Grade 9 Projects

OLL

9 **Black Line Follower**
Programming

10 **Checkpoint**
Assessment

11 **Light Intensity Meter**
in depth Electronics

12 **Contactless Doorbell**
Audible & visible for Elders

13 **Wall Follower**
Programming

14 **Motor Speed Controller**

15 **Obstacle Avoiding**
Programming

16 **Edge Avoiding**
Programming

17 **Preparation**
For Tech Fest

18 **Techfest**

19 **Assessment**
Test Yourself

20 **Certification**
Get Certified

1000+ More Projects