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| ROBATICS PLAN: Third Term 2019-2020  School Name: English Language Private School Teacher: Rabia Jan Class: 6 |

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| Wk | Strands | Weekly Summary |
| 1 | Creation | Create robotic modals by their own to do practice of assemble and disassemble the tools.  Discuss math related such as calculate the panel, size and shapes. |
| 2 | Mammoth Robot | Assemble the tools in Mammoth Robot.  Discuss related canter of gravity, Thrust structure , Mechanism of Servo motor |
| 3 | Soldier Robot | Assemble the tools in Soldier Robot.  Discuss related such as velocity and angular velocity and the mechanism of servo motor. |
| 4 | Cricket Robot | Assemble the tools in Cricket Robot.  Discuss related such as types of movement and the mechanism of link structure. |
| 5 |  | Group competition |

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| 6 | Road Guide | Assemble the tools in Road Guide .  Discuss related to the mechanism of road guide. install the program in programing controller to fix timings of guide to move up and down |
| 7 | Road Guide | Assemble the tools in Road Guide .  Discuss related to the mechanism of road guide. install the program in programing controller for the movement of road guide. |
| 8 | Ant Robot | Assemble the tools in Ant Robot  Discuss the movement of ant robot . install the program in programing controller for the movement of ant |