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|  ROBATICS PLAN: Third term 2019-2020School Name: English Language Private School Teacher: AQEEL HAYAT Class: 7 and 8 |

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| Wk | Strands | Weekly Summary |
| 1 | Cleaner robot | 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 | Cable Car | Assemble the tools in Cable Car.Discuss Kinetic Energy , Center of Mass.Install the program in programming controller for movement of the cable car. |
| 3 | Ant Robot | Assemble the tools in Ant Robot.Discuss physics related such as working of model Install the program in programming controller for the movement of robote |
| 4 | Vacuum Cleaner | Assemble the tools in vacuum cleaner Robot.Discuss math related such as Kinetic Energy , Center of Mass. VacuumInstall the program in programming controller for its work |
| 5 |  | Group competition |

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| 6 | Service Robot | Assemble the tools in Service RobotDiscuss math related such as Kinds of light and straight line and curved line.Install the program in programming controller for the movement of the robote. |
| 7 | Plow Robot | Assemble the tools in Service RobotDiscuss math related such as link structure of gearsInstall the program in programming controller |
| 8 | Rhino Robot | Assemble the tools in Banner RobotDiscuss math related such as Kinds of light and Similarity of diagram.Install the program in programming controller |