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| ROBATICS PLAN: Third term 2019-2020  School 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. Vacuum  Install the program in programming controller for its work |
| 5 |  | Group competition |

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| 6 | Service Robot | Assemble the tools in Service Robot  Discuss 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 Robot  Discuss math related such as link structure of gears  Install the program in programming controller |
| 8 | Rhino Robot | Assemble the tools in Banner Robot  Discuss math related such as Kinds of light and Similarity of diagram.  Install the program in programming controller |