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| ROBATICS PLAN: Third Term 2019-2020  School Name: English Language Private School Teacher: Rabia Jan Class: 5 |

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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 | Human Robot | Assemble the tools in Human Robot.  Discuss related such as Kinetic Energy , Centre of Mass. |
| 3 | Service Robot | Assemble the tools in Service Robot  Discuss related such as Kinds of light and straight line and curved line.  And the mechanism of Infrared sensor |
| 4 | Rhinoceros Robot | Assemble the tools in Rhinoceros Robot  Discuss related such as stimulus and reaction, sensor structure  And the mechanism of Infrared sensor |
| 5 |  | GROUP COMPETITION |

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| 6 | Avoiderbot | Assemble the tools in Avoiderbot.  Discuss related such as Kinds of light and straight line and curved line.  And the mechanism of Infrared sensor |
| 7 | Cable Car | Assemble the tools in Cable Car.  Discuss math related such as Kinetic Energy Potential energy, Pulley structure. |
| 8 | Banner Robot | Assemble the tools in Banner Robot  Discuss math related such as Kinds of light and Similarity of diagram, gear structure |