

| Grade | Month | Number of Sessions | Name of the Topics | Name of Activity | Extra Activities |
|-------|---------------|--------------------|--|--|------------------|
| 1 | August | 1 | Hands-On Science Activities, Early Simple machine & Assessment | 1. Parts of body | |
| | | 1 | | 2. Ferris wheel | |
| | | 1 | | 3. Maze | |
| | | 1 | | 4. Challenge-Animal Behavior | |
| | Total session | 4 | | | |
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| 2 | August | 1 | Hands-On Science Activities, Junior Scratch and Paper Circuit & Assessment | 1. Magnetic and non-magnetic materials | |
| | | 1 | | 2. Show and hide | |
| | | 1 | | 3. Introduction to paper circuit | |
| | | 1 | | 4. Hanging a Bulb | |
| | Total session | 4 | | | |
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| 3 | August | 1 | Robotics, Jodo Straw & Assessment | 1. Wheel and axe | |
| | | 1 | | 2. Incline Plane | |
| | | 1 | | 3. Lines | |
| | | 1 | | 4. Angles | |
| | Total session | 4 | | | |
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| 4 | August | 1 | Robotics – Simple Machine Kit & Assessment | 1. Wheel and axe | |
| | | 1 | | 2. Incline Plane | |
| | | 1 | | 3. Pulley | |
| | | 1 | | 4..one motor direction | |
| | Total session | 4 | | | |
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| 5 | August | 1 | Robotics & Assessment | 1. Car | |
| | | 1 | | 2. Golf bot | |
| | | 1 | | 3. Package mover bot | |
| | | 1 | | 4. Final Project | |
| | Total session | 4 | | | |
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| 6 | August | 1 | Robotics and Hands-on Activity & Assessment | 1. complex machine | |
| | | 1 | | 2. final project | |
| | | 1 | | 3. Reflection by plane mirror | |
| | | 1 | | 4. Like and unlike poles | |
| | Total session | 4 | | | |
| | | | | | |
| 7 | August | 1 | Robotics – Arduino & Assessment | 1. Introduction to Robotics and mechanic | |
| | | 1 | | 2. Types of movements | |
| | | 1 | | 3. Motion and Time | |
| | | 1 | | 4. Control statement | |
| | Total session | 4 | | | |

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| 8 | August | 1 | Robotics – Arduino & Assessment | 1. Automatic Railway track barrier | |
| | | 1 | | 2. final project | |
| | | 1 | | 3. Code for LCD | |
| | | 1 | | 4. Analog Sensor | |
| | Total session | 4 | | | |
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| 9 | August | 1 | Python and Robotics & Assessment | 1. Mean Median Mode | |
| | | 1 | | 2. Final Project | |
| | | 1 | | 3. Range | |
| | | 1 | | 4. Introduction to Arduino and software | |
| | Total session | 4 | | | |