**Notes: Newton’s Law, Types of Motion, Transmission of Motion, and Motion Transformation**

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| Rube Machine Terms | Notes: |
| Newton’s Law (1st) |  |
| Newton’s Law (2nd) |  |
| Newton’s Law (3rd) |  |
| **Types of Motion:** Rectilinear |  |
| Alternating |  |
| Circular |  |
| Oscillatory |  |
| **Transmission of Motion:** Gear Train |  |
| Chain and Sprocket |  |
| Worm and Screw Gear |  |
| Friction Gears |  |
| Belt and Pulley |  |
| **Motion Transformation:** Rack and Pinion |  |
| Screw Gear Systems |  |
| Cam and Follower |  |
| Slider-Crank Mechanism |  |