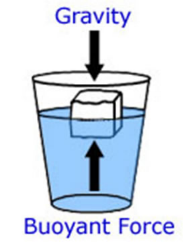
**Forces, Fluids and Density Terminology**

Use pictures, keywords, definitions, and/or examples to help you further understand the following terms. Use the textbook glossary or internet.

|  |  |
| --- | --- |
| **Particle Theory of Matter** |  |
| **Fluid** |  |
| **Viscosity** |  |
| **Density** |  |
| **Weight** |  |
| **Mass** |  |

|  |  |
| --- | --- |
| **Volume** |  |
| **Displacement Method** |  |
| **Buoyancy** |  |
| **Force** |  |
| **Floating** |  |
| **Balanced forces** |  |

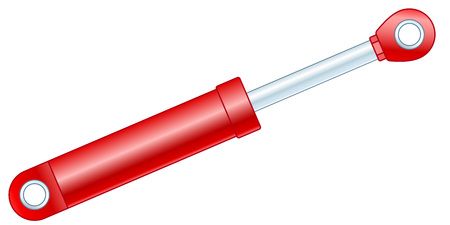
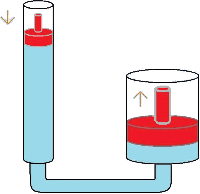


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| --- | --- |
| **Gravitational force** |  |
| **Buoyant force** |  |
| **Newton (N)** |  |
| **Personal Floatation Device (PFD)** |  |
| **Archimedes’ Principle** |  |
| **Swim bladder** |  |



|  |  |
| --- | --- |
| **Ballast tanks** |  |
| **Plimsoll line** |  |
| **Contact force** |  |
| **Non-contact force** |  |
| **Hydraulic** |  |
| **Pneumatic** |  |

|  |  |
| --- | --- |
| **Pressure** |  |
| **Compressibility** |  |
| **Compression** |  |
| **Incompressible** |  |
| **Pascal’s law** |  |
| **Hydraulic systems** |  |



|  |  |
| --- | --- |
| **Hydraulic fluid** |  |
| **Input device** |  |
| **Output device** |  |
| **Mechanical advantage** |  |
| **Pump** |  |
| **Closed hydraulic systems** |  |

|  |  |
| --- | --- |
| **Open hydraulic systems** |  |
| **Pneumatic systems** |  |
| **Compressor** |  |
| **\*\*Extra\*\***  **Convention tillage** |  |
| **\*\*Extra\*\* (pg. 258)**  **Conservation tillage** |  |
| **\*\*Extra\*\* (pg. 258)**  **No-till seeding** |  |

