

# Science ISAT: General Science – Physical Science

## Vocabulary and Signs & Symbols

**Students:**

**Vocabulary RIT Above 231:**

- None

**Signs & Symbols RIT 231-240:**

- None

**Students:**

**Vocabulary RIT 221-230:**

- |                        |                |                   |
|------------------------|----------------|-------------------|
| • Alternating circuit  | • Energy level | • Neutralize      |
| • Basic                | • Evacuate     | • Nuclear fission |
| • Centrifugal force    | • (container)  | • pH              |
| • Conservation of mass | • Grams        | • Phosphorous     |
| • Electric             | • Iron filings | • Reaction force  |
|                        | • Metal plate  |                   |

**Signs & Symbols RIT 221-230:**

- g gram
- - negative
- pH

**Students:**

**Vocabulary RIT 211-220:**

- |                       |                       |                      |
|-----------------------|-----------------------|----------------------|
| • Acid rain           | • Circuit tester      | • Mass number        |
| • Alpha particle      | • Closed container    | • Measurable         |
| • Area of influence   | • Corrosion           | • Melting point      |
| • Atomic mass         | • Current             | • Milli-             |
| • Atomic number       | • Dimmer (electrical) | • Negatively charged |
| • Average atomic mass | • Dry cell battery    | • Nuclear explosion  |
| • Battery             | • Dry ice             | • Nuclear power      |
| • Beta particle       | • Electrical shock    | • Nuclear reactor    |
| • Boiling point       | • Electrical wire     | • Phase change       |
| • Brake               | • Electron affinity   | • Phenolphthalein    |
| • Catalyst            | • Explosion           | • Physical change    |
| • Centi-              | • Helium              | • Radiation          |
| • Change of phase     | • Isotope             | • Radioactive waste  |
| • Change of state     | • Lithium             | • Reactant           |
| • Chemical bond       | • Long-range effect   | • Reactor site       |
| • Chemical change     |                       | • S.I. system        |
| • Chemical reaction   |                       | • Satellite          |
| • Chlorine            |                       |                      |

**Signs & Symbols RIT 211-220:**

- Co (cobalt)
- Cr (chromium)
- Cs (cesium)
- kg kilogram
- mL milliliter/millilitre

**Students:**

**Vocabulary RIT 201-210:**

- |                     |                            |                      |
|---------------------|----------------------------|----------------------|
| • Air resistance    | • Gravitational attraction | • Pole               |
| • Carbon            | • Hardness                 | • Positively charged |
| • Chemical property | • Insulator                | • React              |
| • Collide           | • Kilowatt hour            | • Reaction           |
| • Compass           | • Kinetic                  | • Room temperature   |
| • Compass needle    | • Litmus paper             | • Sea level          |
| • Conduct           | • Magnesium                | • Selenium           |
| • Contract          | • Mercury (element)        | • Series circuit     |
| • Convert           | • Minimize                 | • Silver             |
| • Dense             | • Mixture                  | • Sound energy       |
| • Distilled water   | • Molecular motion         | • Stationary         |
| • Electric current  | • Natural gas              | • Sugar              |
| • Expand            | • Neutral                  | • Sulfur/sulphur     |
| • Filament          | • Newton                   | • Texture            |
| • Fluctuate         | • Parallel circuit         | • Tin                |
| • Generator         | • Physical union           | • Turbine            |
| • Glucose           |                            | • Vaporize           |

**Signs & Symbols RIT 201-210:**

- C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> (glucose)
- Ca (calcium)
- C (carbon)
- CO (carbon monoxide)
- . decimal point
- H<sub>2</sub>O (water)
- H (hydrogen)
- O (oxygen)
- S (sulfur)

# Science ISAT: General Science – Physical Science

## Vocabulary and Signs & Symbols

### Students:

#### Vocabulary RIT 191-200:

- Attraction
- Bar magnet
- Boil
- Broken (circuit)
- Circuit
- Circuit breaker
- Circuit overload
- Complete (circuit)
- Compound
- Condense
- Container
- Cubic
- Discharge
- Dissolve
- Electrical conductor
- Electrical energy
- Electrical outlet
- Electromagnetism
- Element
- Evaporate
- Field
- Fulcrum
- Fuse
- Fused (circuit)
- Ground
- Ground wire
- Hydrogen
- Insulate
- Lever
- Light switch
- Lightning
- Lubricant
- Melt
- Mix
- Nitrogen
- Nonmetal
- Phase
- Physical universe
- Polar attraction
- Repel
- Simple circuit
- Solute
- Solvent
- State
- States of matter
- Static electricity
- Substance
- Thaw
- Vapor
- Volcanic eruption
- Waterwheel

#### Signs & Symbols RIT 191-200:

- N north
- S south

### Students:

#### Vocabulary RIT 181-190:

- Attract
- Balance (scale)
- Calorie
- Cohesion
- Coriolis force
- Degree
- Electrical force
- Friction
- Load
- Magnet
- Magnetic field
- Magnetism
- Magnifying glass
- Measuring cup
- Metal
- Polarization
- Sand
- Spring scale
- Tool
- Unit of measure
- Work

#### Signs & Symbols RIT 181-190:

- *None*

### Students:

#### Vocabulary RIT Below 181:

- Gas

#### Signs & Symbols RIT 171-180:

- *None*