

8th Grade Physical Science Curriculum Map

1st 9 Weeks

- **S8P1 – Nature of Matter** – states of matter, Periodic Table, atomic chemistry, chemical/physical changes and properties, Conservation of Matter, Acids/Bases

2nd 9 Weeks

- **S8P2 – Transformations of Energy** – potential/kinetic energy
- **S8P3 – Force/Mass/Motion** – velocity/acceleration, gravity/inertia/friction, simple machines
- **S8P5 – Gravity, Electricity** – gravity vs. mass and distance, circuits, currents

3rd 9 Weeks

- **S8P5 (Continued) – Magnetism** – magnets
- **S8P2 – Transformations of Energy** – forms of energy and heat transfer, Conservation of Energy
- **S8P4 – Nature of Sound and Electromagnetic Radiation** – properties of waves and behavior, light (reflection/refraction/diffraction/absorption), human eye

4th 9 Weeks

- **S8P4 (continued) – Nature of Sound and Electromagnetic Radiation** – properties of waves and behavior, light (reflection/refraction/diffraction/absorption), human eye