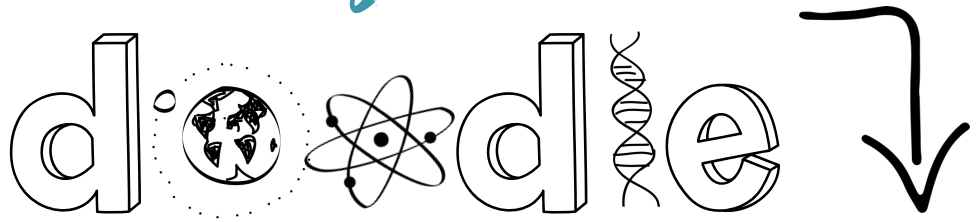




MIDDLE SCHOOL NGSS *Physical science*



TOPIC BUNDLE GUIDE

Getting Started:

The files in this resource are organized by Next Generation Science Standard. (See chart below)

Each file comes with:

- PDF of doodle notes (2 versions)
- Links to **interactive resources** for the doodle note pages.
- Answer keys for each page.

Standard (s)	Main Ideas in the DOODLE NOTES
MS PS1-1	Atom, Molecule, Extended Structures
MS PS1-2	Physical vs Chemical, Properties of Matter, Reactants and Products
MS PS1-3	Natural Resources, Synthetic Materials, Natural Materials
MS PS1-4	Phase Change, Particle Motion, Kinetic Energy, Thermal Energy
MS PS1-5	Chemical Reaction, Product, Reactant, Conservation of Mass
MS PS1-6	Exothermic and Endothermic
MS PS2-1 to 2-5	Newton's Laws, Forces, Momentum, Magnetism, Mass, Gravity
MS PS3-1	Kinetic Energy, Mass, Speed
MS PS3-2	Potential Energy, Gravitational Potential Energy
MS PS3-3	Thermal Energy, Insulation, Radiation, Convection, Conduction
MS PS3-4 PS3-5	Mechanical Energy, Work, Power
MS PS4-1	Waves, Transverse, Longitudinal, Wave Medium, Wavelength, Frequency, Amplitude, Crest, Trough
MS PS4-2	Light Waves, Reflect, Refract, Sound Waves, Pitch, Frequency, Doppler Effect
MS PS4-3	Digital Signal, Analog Signal