

NGSS PHYSICAL SCIENCE SCOPE AND SEQUENCE

Teacher Guide
Unit Sequences Based on NGSS for Middle School

Quarter 1: Matter and Its Interactions

Unit 1: Science Skills

- Scientific Inquiry 101 lessons
- Engineering Design Process 101 lessons

Unit 2: Properties of Matter

- Introducing Matter 101 lessons (introduction to properties of matter)
- Matter and its Properties 101 lessons
- States of Matter and Phase Changes 101 lessons

Unit 3: Atomic Structure

- Atoms and Subatomic Particles 101 lessons (introduction to atomic structure and subatomic particles)
- Periodic Table 101 lessons (introduction to the periodic table)

Unit 4: Compounds

- Compounds and Reactions 101 lessons

Unit 5: Chemical Reactions

- Chemical Reactions 101 lessons
- Acids and Bases 101 lessons (introduction to acids and bases)

Quarter 2: Energy

Unit 6: Energy

- Thermal Energy 101 lessons
- Conservation of Energy 101 lessons
 - Potential energy
 - Conservation of Energy
 - Kinetic energy
 - Conservation of energy from reading
 - Forms of Energy digital notebook
 - Conservation of Energy digital notebook
 - Current STEM project

Quarter 3: Motion and Stability: Forces and Interactions

Unit 7: Motion

- Motion 101 lessons (introduction to motion and understanding of the concepts of motion, speed, velocity, and acceleration)

Unit 8: Forces

- Interaction 101 lessons (introduction to forces)
- 3-D Unit of Physics
 - Types of Forces: Gravity
 - Friction: Sliding, Rolling, Air
 - Types of Forces: Digital notebook
 - Electromagnetism: Digital notebook

Quarter 4: Waves

Unit 9: Waves

- Properties of Waves 101 lessons
- Light waves
 - Light waves: Digital notebook
- Sound waves
 - Sound waves: Digital notebook

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Reviewing **Ngss Middle School Lesson**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Ngss Middle School Lesson**," an enthralling opus penned by a very acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve into the book's central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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