Science **Curriculum**

7th Grade

Curriculum Overview

"Scientific and technological advances have proliferated and now permeate most aspects of life in the 21st century. It is increasingly important that all members of our society develop an understanding of scientific and engineering concepts and processes. Learning how to construct scientific explanations and how to design evidence-based solutions provides students with tools to think critically about personal and societal issues and needs. Students can then contribute meaningfully to decision-making processes, such as discussions about climate change, new approaches to health care, and innovative solutions to local and global problems."

Reference: New Jersey Department of Education. New Jersey Student Learning Standards, 2020.

Unit Title	Timeframe	New Jersey Student Learning Standards
Chemical Reaction & Matter	*25 Days*	*MS-PS1-1, MS-PS1-2, MS-PS1-5, MS-LS1-8*
Chemical Reaction & Energy	*21 Days*	*MS-PS1-6, MS-ETS1-2, MS-ETS1-3, MS-ETS1-4*
Metabolic Reactions	*29 Days*	*MS-LS1-3, MS-LS1-5, MS-LS1-7, MS-PS1-1, MS-PS1-2*
Matter Cycling & Photosynthesis	*29 Days*	*MS-LS1-6, MS-LS2-3, MS-PS1-3, MS-LS1-2*
Ecosystem Dynamics	*33 Days*	*MS-LS2-1, MS-LS2-2, MS-LS2-4, MS-LS2-5, MS-ESS3-3, MS-ETS1-1*
Earth's Resources & Human Impact	*33 Days*	*MS-ESS3-1, MS-ESS3-3, MS-ESS3-4, MS-ESS3-5, MS-ETS1-2*