

Perfection Learning®

*Perfect for **YOUR** Classroom*

Montgomery County Public Schools
Grade 5 Science Units
Correlated to
Reading Essentials in Science

UNIT: Force, Motion and Energy	6-pack item #	6-pack price	Reading Level	Description
Movement	24825	\$21.00	Below Level (GRL A/B, Lex 190)	Explores movement in all directions.
Energy	24171	\$27.00	Below Level (GRL I/J, Lex 410)	Introduces the sources of energy and its forms.
Push and Pull	24195	\$33.00	Below Level (GRL L/M, Lex 470)	Explains what causes motion and how to stop it.
Force and Motion	23240	\$36.00	On Level (GRL R, Lex 840)	Gravity, magnetism, and centripetal force are all explored.
Gravity	23241	\$36.00	On Level (GRL R, Lex 860)	What comes up must go down because of the universal force of gravity. Discover the effects gravity has on our world.
Motion	62044	\$42.00	On Level (GRL T, Lex 770)	An introduction to potential and kinetic energy, gravity, centripetal and centrifugal force, speed, and more.
Force in Fluids	24769	\$42.00	Above Level (GRL Y/Z, Lex 1030)	Pressure, buoyancy, surface tension, friction, and viscosity are forces at work in fluids.
Newton's Laws of Motion	24770	\$42.00	Above Level (GRL Y, Lex 950)	Explore inertia; the relationship between force, mass, and acceleration; and action/reaction.
Energy Sources	62061	\$48.00	Above Level (GRL X/Y, Lex 970)	Scientists are finding ways to get energy from renewable sources as we run out of fossil fuels.

GRL=Guided Reading Level, Lex=Lexile Reading Level

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UNIT: Electricity and Magnetism	6-pack item #	6-pack price	Reading Level	Description
Yesterday and Today	24162	\$21.00	Below Level (GRL A/B, Lex 370)	Explores how electricity has changed the way we do things.
Magnets	24846	\$27.00	Below Level (GRL G/H, Lex 680)	Investigates the attraction of magnetism and what magnets are made of. Explores natural and artificial magnets.
Electricity	24847	\$27.00	Below Level (GRL I/J, Lex 630)	Introduces how electricity is created and how electrical energy travels.
Electrical Circuits	23245	\$36.00	On Level (GRL Q, Lex 880)	Learn how circuits work and see how “shocking” static electricity truly is.
Magnets	23247	\$36.00	On Level (GRL Q, Lex 890)	Readers learn about the attraction of magnetism and explore natural and artificial magnets.
Electricity and Magnetism	62041	\$42.00	On Level (GRL U, Lex 810)	Learn about electricity and magnetism and the relationship between these two powerful energy sources.

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UNIT: Astronomy	6-pack item #	6-pack price	Reading Level	Description
Day Sky	24823	\$21.00	Below Level (GRL C/D, Lex BR)	Introduces what we see in the day sky.
Night Sky	24154	\$21.00	Below Level (GRL C/D, Lex 230)	Explains the unique sights in the night sky.
Our Sun	24842	\$27.00	Below Level (GRL F/G, Lex 490)	Introduces this major source of energy.
Reflection	24845	\$27.00	Below Level (GRL F/G, Lex 560)	Introduces light energy.
Motion in Space	24602	\$33.00	Below Level (GRL J/K, Lex 590)	Explores rotation and revolution as it involves the Earth, Moon, and Sun.
Color and Light	23244	\$36.00	On Level (GRL Q, Lex 760)	Our eyes are made up of special parts that help us see both color and light. See how light can be reflected and refracted.
The Earth	23219	\$36.00	On Level (GRL Q, Lex 820)	Explore planet Earth to learn more about its features and movement.
The Moon	23220	\$36.00	On Level (GRL Q/R, Lex 760)	Scientists have solved many mysteries about Earth's only natural satellite, the Moon.
Earth Movements	23204	\$36.00	On Level (GRL R, Lex 820)	The movement of the Earth, ground, air, and water brings changes to the Earth and its inhabitants.
The Solar System	23221	\$36.00	On Level (GRL R, Lex 800)	Travel through the solar system with this overview of the plants and their moons, comets, asteroids, and meteoroids.

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UNIT: Astronomy (continued)	6-pack item #	6-pack price	Reading Level	Description
The Sun	23223	\$36.00	On Level (GRL R, Lex 780)	Meet the glowing ball of gases that powers all life on Earth.
Light	62043	\$42.00	On Level (GRL T/U, Lex 830)	Examine the properties of light energy, and learn about various sources of light, tools that use this form of energy, and how light helps us to see.
Lights in the Sky	62037	\$48.00	Above Level (GRL X, Lex 940)	Details eclipses, asteroids, meteoroids, comets, and the scientific theories of Keplar, Copernicus, and Newton.

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UNIT: Cells and Heredity	6-pack item #	6-pack price	Reading Level	Description
This is Me	24151	\$21.00	Below Level (GRL C/D, Lex BR)	Shows the common characteristics humans share.
Is it Living?	24819	\$21.00	Below Level (GRL A/B, Lex BR)	Compares and contrasts living organisms and nonliving items.
Classifying Plants and Animals	23234	\$39.00	On Level (GRL W, Lex 840)	A classification system is critical to the scientific study and appreciation of the plant and animal world.
Under a Microscope: Small Life	23238	\$39.00	On Level (GRL V, Lex 900)	Travel into the world of the many living things that can only be seen with the power of a microscope.
Light	62043	\$42.00	On Level (GRL T/U, Lex 830)	Examine the properties of light energy, and learn about various sources of light, tools that use this form of energy and how light helps us see.
Cells	62538	\$48.00	On Level (GRL X, Lex 840)	Take a closer look at the microscopic world of cells, the basic building blocks of all life.
Genetics	62541	\$48.00	On Level (GRL X, Lex 980)	Genes, chromosomes, and DNA are the keys to understanding the constantly evolving world of genetics.
Heredity	24754	\$42.00	Above Level (GRL W, Lex 980)	From Mendel to modern genetics, heredity determines the inheritance of human traits.
Cell Processes	24752	\$42.00	Above Level (GRL X, Lex 1000)	The complex processes that go on inside cells keep all living things alive.

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