


# Scottsdale Unified School District Adopted Curricular Materials

## K – 12 Science

Revised: June, 2020

### K-8 – Science Kit Materials

Grade Level	Title	Publisher
Kindergarten	Animals Two by Two	FOSS 3 <sup>rd</sup> Edition/NGSS Online 
Kindergarten	Materials and Motion	FOSS NGSS Edition
Kindergarten	Trees and Weather	FOSS 3 <sup>rd</sup> Edition/NGSS Online
1 <sup>st</sup> Grade	Sound and Light	FOSS NGSS Edition
1 <sup>st</sup> Grade	Balance and Motion	FOSS 2 <sup>nd</sup> Edition
1 <sup>st</sup> Grade	Insect and Plants	FOSS 3 <sup>rd</sup> Edition/NGSS Online
2 <sup>nd</sup> Grade	Air and Weather	FOSS 3 <sup>rd</sup> Edition/NGSS Online
2 <sup>nd</sup> Grade	Plants and Animals	FOSS 3 <sup>rd</sup> Edition/NGSS Online
2 <sup>nd</sup> Grade	Solids and Liquids	FOSS 3 <sup>rd</sup> Edition/NGSS Online

2 <sup>nd</sup> Grade	Pebbles, Sand and Silt	FOSS 3 <sup>rd</sup> Edition/NGSS Online
3 <sup>rd</sup> Grade	Physics of Sound	FOSS 2 <sup>nd</sup> Edition
3 <sup>rd</sup> Grade	Structures of Life	FOSS 3 <sup>rd</sup> Edition/NGSS Online
3 <sup>rd</sup> Grade	Motion and Matter	FOSS NGSS Edition
4 <sup>th</sup> Grade	Soils, Rocks and Landforms	FOSS 3 <sup>rd</sup> Edition/NGSS Online
4 <sup>th</sup> Grade	Energy and Electromagnetism	FOSS 3 <sup>rd</sup> Edition/NGSS Online
4 <sup>th</sup> Grade	Water and Climate	FOSS NGSS Edition
5 <sup>th</sup> Grade	Mixtures and Solutions	FOSS 3 <sup>rd</sup> Edition/NGSS Online
5 <sup>th</sup> Grade	Sun, Moon and Planets	FOSS 3 <sup>rd</sup> Edition/NGSS Online
5 <sup>th</sup> Grade	Environments Living Systems (Optional)	FOSS NGSS Edition FOSS 3 <sup>rd</sup> Edition/NGSS
6 <sup>th</sup> Grade	Studying People Scientifically	Lab-Aids SEPUP
6 <sup>th</sup> Grade	Populations & Ecosystems	FOSS: NGSS Edition
6 <sup>th</sup> Grade	Weather and Water	FOSS: NGSS Edition
6 <sup>th</sup> Grade	Energy	Lab-Aids SEPUP
6 <sup>th</sup> Grade	Earth & The Solar System	Lab-Aids: SEPUP
6 <sup>th</sup> Grade	Body Works (Optional)	Lab-Aids: SEPUP
7 <sup>th</sup> Grade	Cell Biology & Disease	Lab-Aids: SEPUP
7 <sup>th</sup> Grade	Studying Soil Scientifically (Optional)	Lab-Aids: SEPUP
7 <sup>th</sup> Grade	Shaping the Land	Lab-Aids: SEPUP
7 <sup>th</sup> Grade	Weather and Erosion (Optional)	Lab-Aids: SEPUP
7 <sup>th</sup> Grade	Gravity & Kinetic Energy	FOSS NGSS Edition
7 <sup>th</sup> Grade	Electromagnetism & Forces	FOSS NGSS Edition
7 <sup>th</sup> Grade	Investigating Food Safety (Optional)	Lab-Aids SEPUP

8 <sup>th</sup> Grade	Genetics	Lab-Aids SEPUP
8 <sup>th</sup> Grade	Evolution	Lab-Aids SEPUP
8 <sup>th</sup> Grade	Waves	FOSS: NGSS Edition
8 <sup>th</sup> Grade	Chemical Interactions	FOSS: NGSS Edition

### K-8 Science Textbook Resources

Grade Level	Title	Publisher	Copyright
K-12	Discovery Education Science Techbook	Discovery Education	Updated regularly

### High School Instructional Materials

Course	Text/Author	Publisher	Copyright	ISBN
Astronomy	<i>Investigating Astronomy</i>	It's About Time	2010	978-1-60720-257-8
Biology I	<i>Biology</i> Miller and Levine	Prentice Hall	2004	0-13-0367-01-X
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Biology IH	<i>Biology</i> Johnson and Raven	Holt	2004	0-03-0664-73-X
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Biology IIAP	<i>Biological Science</i>	Pearson Education, 4 <sup>th</sup> Edition	2011	978-0321-59-8202
Biotechnology I	<i>Biotechnology Science for the New Millennium</i>	EMC	2007	0-7638-2282-5
Biotechnology I	<i>Biotechnology Laboratory Manual</i>	EMC/Paradigm Publishing	2007	0-7638-2902-1

Chemistry I	<i>Chemistry</i> Wilbraham, et. Al	Prentice Hall	2005	0-13-115262-9
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Chemistry IH	<i>Modern Chemistry</i> Davis	Holt	2002	0-03-056537-5
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Chemistry IIAP	<i>Chemistry- The Central Science</i> Brown and Lemay	Pearson	2015	9780133582543
Earth Science	<i>Earth Science</i> Spaulding	McDougal Littell	2003	0-618-1150-1
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Earth Science Honors	<i>Earth Science</i> Tarbuck	Prentice Hall	2003	0-13-0484563-3
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Environmental Biology	<i>Environmental Science</i> Withgott	Pearson Education, 4 <sup>th</sup> Edition	2011	978-013-372-4752
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
HPA	<i>Hole's Human Anatomy and Physiology</i> Shier, Butler, and Lewis	McGraw Hill (online learning center), 13 <sup>th</sup> Edition	2013	978-0-07-662943-5
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Introduction to Physical Geography	<i>Physical Geography</i> Gabler	Cengage Learning, 10 <sup>th</sup> Edition	2012	978-1-111-427-504

Introduction to Meteorology I	<i>Essentials of Meteorology: An Invitation to the Atmosphere</i> Ahrens	Modesto Junior College, 6 <sup>th</sup> Edition	2011	978-0840054-999
Oceanography and Marine Studies	<i>Essentials of Oceanography</i> Trujillo; Thurman	Pearson	2010	978-013-137-631-1
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Physics I	<i>Physics Principles and Problems</i>	Glencoe	2005	0-07-845813-7
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Physics IH	<i>Physics</i> Serway and Faughn	Holt	2002	0-03-056544-8
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA
Environmental Science AP	<i>Environmental Science for AP</i> Friedland and Relyea	BFW	2012	978-0-7167-3849-7
Aviation Science	<i>Aerospace: The Journey of Flight</i>	Civil Air Patrol	2008	0-615-18858-3
Astro Physics Honors	<i>Explorations: An Introduction to Astronomy</i>	McGraw Hill Higher Education	2014	978-0-07-665967-8
Zoology/Botany	<i>Forensic Botany Investigations</i> Glencoe	Macmillan/McGraw-Hill	2007	978-007-880-4472
Zoology/Botany	<i>Ethnobotany Explorers</i>	Glencoe Science	2008	978-007-891-48-67
Zoology/Botany	<i>Biology</i> Sylvia Mader	McGraw Hill	2012	978-007-66-20043
	Discovery Education Science Techbook	Discovery Education	Updated Regularly	NA