

**CSCOPE/STEMscopes Crosswalk  
Kindergarten**

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	Exploring Environmentally Appropriate and Responsible Practices	K.1AC; K.3A	7	K.1AB Safety K.C Conservation of Resources	
2	Exploring Matter and Energy	K.2DE; K.5AB	16	K.2ABCDE Discovery Skills K.5A Properties of Objects K.5B Changes from Heat	
3	Exploring Force, Motion, and Energy	K.2BDE; K.4A; K.5AB	24	K.3C/4A Tools K.6A Forms of Energy K.6B Magnets K.6CD Patterns of Movement	
4	Exploring Earth Materials	K.2ACDE; K.5A; K.7ABC	15	K.5A Properties of Objects K.7ABC Rocks, Soil, and Water	
5	Exploring Weather	K.1B; K.2D; K.3B; K.4AB; K.8AB	10	K.3AB Patterns and Predictions K.4B Senses K.8A Weather K.8BC Objects in the Sky	
6	Exploring Space	K.2D; K.3B; K.8BC	24	K.8BC Objects in the Sky	
7	Exploring Characteristics and Basic Needs of Living Organisms	K.2DE; K.9AB	17	K.9A Living and Nonliving K.9B Basic Needs	
8	Exploring Weather: A Final Look	K.2D; K.4B; K.8AB	5	K.8A Weather K.8BC Objects in the Sky	
9	Exploring Organisms and Environments	K.2AD; K.3BC; K.4A; K.10ABCD	20	K.10AB Plant and Animal Characteristics K.10CD Plant Life Cycles	

## CSCOPE/STEMscopes Crosswalk

### 1<sup>st</sup> Grade

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	Investigating Properties and Patterns in Weather	1.1AB; 1.2D; 1.3C; 1.4A; 1.8AB	8	1.1AB Safety 1.2 ABCDE Discovery Skills 1.3C/1.4A Tools 1.8ABD Weather and Air 1.8BC Seasons and Objects in the Sky	
2	Investigating Properties and Patterns	1.1A; 1.2CDE; 1.5AB	15	1.5A Classifying Matter 1.5B Changes from Heat	
3	Investigating Force, Motions, and Energy	1.1A; 1.2CDE; 1.6ABCD	23	1.6A Forms of Energy 1.6B Magnets 1.6CD Patterns of Movement	
4	Investigating the Natural World: Rocks, Soil, and Water	1.1A; 1.2ABCDE; 1.4A; 1.7ABC	15	1.7AC Rocks and Soil 1.7B Water	
5	Investigating Natural Resources Through Conservation	1.1C; 1.3A; 1.7C	8	1.1C Conservation of Resources 1.3AB What Scientists Do 1.7AC Rocks and Soil	
6	Investigating Weather and Seasons	1.2DE; 1.3BC; 1.4A; 1.8ABCD	12	1.8AD Weather and Air 1.8BC Seasons and Objects in the Sky	
7	Investigating Objects in the Sky	1.2D; 1.3B; 1.8BC	10	1.8BC Seasons and Objects in the Sky	
8	Investigating Living and Nonliving	1.2E; 1.9A	5	1.9A Living and Nonliving	
9	Investigating Plants	1.2ACD; 1.4AB; 1.9B; 1.10B	17	1.4B Measurement 1.9BC Interdependency 1.10B Plant Parts	
10	Investigating Organisms and Environments	1.2D; 1.9BC; 1.10ACD	22	1.9BC Interdependency 1.10A Animal Characteristics 1.10CD Animal Life Cycles	

**CSCOPE/STEMscopes Crosswalk**  
**2<sup>nd</sup> Grade**

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	What is a Scientist	2.1AB; 2.3C; 2.4AB	5	2.1AB Safety 2.3C/2.4A Tools 2.4B Measurement	
2	Change Occurs: Investigating Matter	2.1A; 2.2BCDE; 2.3A; 2.4AB; 2.5ABCD	20	2.2ABCDEF Discovery Skills 2.3AB What Scientists Do 2.5A Classifying Matter 2.5B Changes from Heat 2.5C Physical Changes	
3	Change Occurs: Investigating Force and Motion	2.1A; 2.2CDE; 2.4A; 2.6ABCD	22	2.6A Forms of Energy 2.6B Magnets 2.6CD Patterns of Movement	
4	Investigating our Natural World: Earth Materials and Natural Resources	2.1AC; 2.2CDF; 2.4AB; 2.7ABC	15	2.7A Rocks 2.7B Bodies of Water 2.7C Resources	
5	Making Good Choices: Weather Safety	2.1B; 2.2D; 2.8B	5	2.8AB Weather	
6	Patterns of Change: Weather	2.2D; 2.3BC; 2.4A; 2.8A	10	2.8AB Weather	
7	Exploring the Water Cycle	2.3B; 2.8C	7	2.8C Water Cycle	
8	Patterns of Change: Observing the Sky	2.2D; 2.3B; 2.8D	8	2.8D Objects in the Sky	
9	Characteristics of Living Organisms	2.2DE; 2.6A; 2.9A; 2.10AB	24	2.9A Basic Needs 2.10A Animal Characteristics 2.10B Plant Characteristics	
10	Organisms and Environments	2.2ABEF; 2.3AC; 2.4A; 2.9BC; 2.10C	22	2.9B Environmental Effects 2.9C Food Chains 2.10C Insect Life Cycles	

**CSCOPE/STEMscopes Crosswalk**  
**3<sup>rd</sup> Grade**

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	Investigating Properties of Matter	3.1A; 3.2BDEF; 3.3AB; 3.4AB; 3.5ABD	20	3.1A/3.4B Safety 3.2ABCDEF Experimental Design 3.3AB Scientific Reasoning 3.4A Tools 3.5AB Classifying Matter 3.5D Mixtures	
2	Investigating Matter and Change	3.2BCF; 3.3A; 3.4A; 3.5ABC; 3.8B	7	3.5C Changes from Heat 3.8B The Sun and Water Cycle	Supporting
3	Investigating Weather	3.2BDEF; 3.3D; 3.4A; 3.5A; 3.8A	3	3.3D Science Careers 3.8A Weather	
4	Investigating Force, Motion, and Energy	3.2EF; 3.3A; 3.6ABC	15	3.6A Forms of Energy 3.6B Force and Motion 3.6C Magnetism and Gravity	Supporting
5	Investigating the Natural World	3.1B; 3.2AF; 3.3BD; 3.7ABCD	25	3.1B Conservation of Resources 3.7A Formation of Soil 3.7B Earth's Forces 3.7C Earth's Landforms 3.7D Resources	Supporting
6	Investigating the Solar System	3.2F; 3.3CD; 3.4A; 3.8BCD	25	3.3C Models 3.8B The Sun and Water Cycle 3.8C Earth, Moon, and Sun 3.8D Planets	Supporting
7	Investigating Characteristics of Living Things	3.2ACF; 3.10B	10	3.10B Inherited Traits and Learned Behaviors	
8	Investigating Adaptation and Survival	3.2F; 3.10AC	15	3.10A Adaptations 3.10C Life Cycles	Supporting
9	Investigating Ecosystems	3.2F; 3.4A; 3.9ABC	20	3.9AC Environments 3.9B Food Chains	Supporting

**CSCOPE/STEMscopes Crosswalk  
4<sup>th</sup> Grade**

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	Physical Properties of Matter	4.1A; 4.2BCF; 4.4A; 4.5AB	13	4.1A/4.4B Safety 4.2ABCDEF Experimental Design 4.4A Tools 4.5A Classifying Matter 4.5B Changes to Heat	
2	Mixtures and Solutions	4.1A; 4.2ABCF; 4.4AB; 4.5C	12	4.5C Mixtures and Solutions	
3	Forms of Energy	4.1A; 4.2ABCF; 4.3D; 4.4AB; 4.6ABCD	25	4.3D Science Careers 4.6A Forms of Energy 4.6B Electricity, Conductors, and Insulators 4.6D Experimenting with Forces	
4	The Changing Earth	4.1A; 4.2ABCDEF; 4.3D; 4.4AB; 4.7AB	19	4.7A Properties of Soil 4.7B Changes to Land	Supporting
5	Natural Resources	4.1AB; 4.2CF; 4.7C	6	4.1B Conservation of Resources 4.7C Resources	Supporting
6	Patterns of the Earth	4.2DF; 4.8ABC	15	4.8A Weather 4.8B The Sun and Water Cycle 4.8C Patterns of Earth	Supporting
7	Traits	4.2D; 4.10B	13	4.10B Inherited Traits and Learned Behaviors	
8	Energy Flow in Living Systems	4.2F; 4.3C; 4.4A; 4.9AB	18	4.3C Models 4.9AB Producers, Consumers, and Food Webs	
9	Adaptions for Survival	4.3A; 4.10A	15	4.3AB Scientific Reasoning 4.10A Adaptations	
10	Life Cycles of Living Organisms	4.2C; 4.10C	10	4.10C Life Cycles	

**CSCOPE/STEMscopes Crosswalk**  
**5<sup>th</sup> Grade**

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	Science Safety and Journaling	5.1A; 5.4AB	2	5.1A/5.4B Safety 5.4A Tools	Embedded
2	Physical Properties of Matter	5.1AB; 5.2DFG; 5.4AB; 5.5ABCD	18	5.1B Conservation of Resources 5.5A Classifying Matter 5.5B Properties of Water 5.5CD Mixtures and Solutions	Readiness Supporting
3	Forces	5.2AF; 5.6D	5	5.6D Experimenting with Forces	Supporting
4	Light and Electrical Energy	5.2F; 5.4A; 5.6ABC	12	5.6A Uses of Energy 5.6B Circuits and Electricity 5.6C Light	Readiness
5	Energy Resources	5.2F; 5.7AC	6	5.7A Formation of Fossil Fuels 5.7C Alternative Energy	Readiness
6	Earth's Changes	5.2ACD; 5.3AC; 5.7BD	10	5.3AB Scientific Reasoning 5.7B Changes to Land 5.7D What Happened Before	Readiness Supporting
7	Sun, Earth, and Moon Systems	5.2CDG; 5.3C; 5.8CD	15	5.3C Models 5.8C Earth's Rotation 5.8D Earth, Sun, and Moon	Readiness Supporting
8	Patterns in the Natural World	5.2CD; 5.8AB	5	5.8A Weather and Climate 5.8B The Sun and Water Cycle	Supporting
9	Ecosystem Interactions	5.1A; 5.2G; 5.3BC; 5.9ABCD	15	5.9A Interdependency 5.9B Food Webs 5.9C Environmental Changes 5.9D Carbon Dioxide and Oxygen Cycle	Readiness Supporting
10	Life Cycles	5.2DF; 5.3B; 5.4A; 5.10C	5	5.10C Metamorphosis	Supporting
11	Inherited Traits and Learned Behavior	5.2D; 5.3AD; 5.10AB	15	5.10A Adaptations 5.10B Inherited Traits and Learned Behaviors	Readiness
12	Experimental Design	5.2ABCDEFGF	20	5.2ABCDEFGF Experimental Design	Embedded

**CSCOPE/STEMscopes Crosswalk  
6<sup>th</sup> Grade**

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	Science Safety and Procedures	6.1A; 6.4B	3	Safety Resources (Teacher Toolbox)	
2	Physical Properties of Matter	6.2ACDE; 6.4A; 6.6ABC	17	6.6A Metals, Non-metals, Metalloids 6.6B Density 6.6C Minerals	Supporting
3	Elements	6.1A; 6.2DE; 6.4A; 6.5AB	12	6.5ABC Elements and Compounds	Supporting
4	Compounds	6.1AB; 6.2ADE; 6.4A; 6.5CD	13	6.6D Formation of a New Substance	
5	Energy Resources	6.1B; 6.3D; 6.4A; 6.7AB	6	6.7AB Energy Sources	
6	Conservation of Energy	6.2E; 6.4A; 6.8ABC	14	6.9AB Thermal Energy 6.9C Energy Transformations	Supporting
7	Force and Motion	6.1A; 6.2ABCDE; 6.4A; 6.8ABCDE	10	6.8A Potential and Kinetic Energy 6.8BCD Changes in Force and Motion 6.8E Inclined Planes and Pulleys	Supporting
8	Solar System and Exploration	6.2C; 6.3BCD; 6.11ABC	12	6.11A Celestial Objects 6.11B Gravity 6.11C Space Exploration	Supporting
9	Earth Materials	6.2E; 6.3BC; 6.10AB	12	6.10A Layers of the Earth 6.10B Classifying Rocks	
10	Plate Tectonics	6.3BD; 6.10CD	13	6.10CD Tectonic Plates	
11	Taxonomic Groups	6.2D; 6.12ABCD	15	6.12AB Prokaryotic and Eukaryotic Cells 6.12CD Classification of Organisms	
12	Ecosystems	6.2D; 6.12EF	5	6.12EF Organization and Interactions in an Environment	

**CSCOPE/STEMscopes Crosswalk**  
**7<sup>th</sup> Grade**

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	Science Safety and Procedures	7.1A; 7.4B	3	Safety Resources (Teacher Toolbox)	
2	Flow of Energy	7.2C; 7.4A; 7.5ABC	13	7.5A Photosynthesis 7.5B Cycling of Matter 7.5C Energy Flow Through Living Systems	Supporting
3	Physical, Chemical, and Energy Changes in Digestion	7.2C; 7.3B; 7.4A; 7.6ABC; 7.7B	5	7.6A Organic Compounds 7.6B Physical and Chemical Changes 7.6C Molecules 7.7B Organism Energy Transfers	Supporting
4	Force and Motion	7.2ABCDE; 7.4AB; 7.7AC	9	7.7AC Situations of Force	Supporting
5	Factors Impacting Earth Systems	7.2E; 7.3BC; 7.4A; 7.8ABC	13	7.8A Catastrophic Events 7.8B Changes to Texas Land 7.8C Watershed	Supporting
6	Components of the Solar System	7.2E; 7.3BC; 7.4A; 7.9AB	10	7.9A Characteristics of the Solar System 7.9B Accommodations for Space Explorations	
7	Organisms and the Environments	7.2ACE; 7.4A; 7.10ABC	13	7.10ABC Ecosystems and Environments	Supporting
8	Structure and Function of Cells	7.3BC; 7.12CDEF	23	7.12C Organization in Plants and Animals 7.12D Plant and Animal Cell Organelles 7.12EF Functions of a Cell	Supporting
9	Structure and Function of Living Systems	7.2E; 7.3BC; 7.12AB	18	7.12B Systems of the Human Body	Supporting
10	Homeostasis	7.1B; 7.2ACD; 7.13AB	5	7.13AB External and Internal Stimuli	
11	Genetics	7.2DE; 7.3AD; 7.14ABC	10	7.14AC Heredity 7.14B Reproduction	Supporting
12	Genetic Variations and Adaptations	7.1A; 7.2CE; 7.3AD; 7.4A; 7.11ABC	10	7.11A Identification of Organisms 7.11BC/7.12A Adaptations of Species	Supporting



**CSCOPE/STEMscopes Crosswalk**  
**8<sup>th</sup> Grade**

#	CSCOPE Unit	TEKS Addressed	Days	STEMscopes Unit	STAAR™ Connection
1	Science Safety and Procedures	8.1A; 8.4B	3	Safety Resources (Teacher Toolbox)	Embedded
2	Atoms	8.2C; 8.3BD; 8.5AB	8	8.5A Atoms 8.5B Protons and Electrons	Readiness
3	Periodic Table	8.2E; 8.5BC	9	8.5C Periodic Table	Readiness
4	Chemical Formulas, Equations, and Reactions	8.2CE; 8.3BC; 8.5DEF	15	8.5DF Chemical Formulas and Equations 8.5E Chemical Reactions	Readiness
5	Force and Motion	8.1A; 8.2BCDE; 8.4A; 8.6AB	8	8.6A Unbalanced Forces 8.6B Speed, Velocity, and Acceleration	Readiness Supporting
6	Newton's Laws	8.2CE; 8.3BCD; 8.6C	10	8.6C Laws of Force and Motion	Readiness
7	Forces that Change the Earth	8.2E; 8.3ABCD; 8.9ABC	15	8.9AB Plate Tectonic Theory 8.9C Erosional Features	Readiness
8	Climatic Interactions	8.2CE; 8.3D; 8.10ABC	10	8.10A The Sun's Energy 8.10B Weather Maps 8.10C Oceans and Weather	Supporting
9	Earth Cycles	8.2E; 8.3BC; 8.7ABC	10	8.7A Rotation and Revolution 8.7B Lunar Cycle 8.7C Ocean Tides	Readiness Supporting
10	Light Years and Theories	8.2E; 8.3ABCD; 8.8DE	5	8.8D Light Years 8.8E Origins of the Universe	Supporting
11	Characteristics of the Universe	8.2E; 8.3ABCD; 8.8ABC	13	8.8A Components of the Universe 8.8B The Sun 8.8C Electromagnetic Spectrum	Readiness Supporting
12	Interdependence Among Living Systems	8.1B; 8.2E; 8.3D; 8.11ABCD	12	8.11A Relations in a Food Web 8.11B Interdependence 8.11C Environmental Changes 8.11D Human Effect on Resources	Readiness Supporting
13	Experimental Design	8.1A; 8.2ABCDE; 8.4AB	13	Process Skills (Teacher Toolbox)	Embedded