



Science Scope

Life Science Unit	1	2	3	4	5	6
Animals	✓	✓	✓	✓	✓	✓
Vertebrates	✓	✓	✓	✓	✓	✓
Amphibians		✓				✓
Birds	✓	✓	✓			✓
Fish	✓	✓				✓
Mammals	✓	✓	✓			✓
Reptiles		✓				✓
Invertebrates	✓	✓		✓	✓	✓
Insects	✓	✓				✓
Mollusks		✓				✓
Spiders		✓				✓
Plants		✓	✓		✓	✓
Plant Variety			✓			✓
Life of Plants			✓			✓
Uses of Plants		✓	✓			✓
Processes		✓	✓		✓	✓
Parts of Plants		✓	✓		✓	✓
Reproduction			✓		✓	✓
Ecosystems and Habitats	✓	✓	✓	✓	✓	✓
Life Cycles	✓	✓	✓	✓	✓	✓
Food Chains and Webs		✓	✓	✓		
Niches			✓	✓		
Responses	✓		✓	✓		✓
Conservation		✓		✓	✓	
Succession			✓		✓	
Biomes		✓		✓		✓
Natural Cycles	✓	✓	✓	✓	✓	✓
Classification	✓	✓	✓	✓	✓	✓
Characteristics	✓	✓		✓	✓	✓
Systems			✓	✓		✓
Criteria			✓	✓		✓
Modern				✓		✓
Cells			✓	✓	✓	✓
Plant			✓	✓	✓	✓
Animal				✓	✓	✓
Division				✓	✓	✓
Specialization			✓	✓	✓	✓
Genetics / Heredity					✓	✓

Physical Science Unit	1	2	3	4	5	6
Energy	✓	✓	✓	✓	✓	✓
Potential		✓		✓	✓	✓
Kinetic		✓	✓	✓		✓
Heat		✓		✓		✓
Light		✓		✓		✓
Sound	✓	✓		✓		
Work	✓		✓	✓	✓	
Motion	✓		✓	✓		✓
Types of	✓		✓	✓		✓
Newton's Laws			✓	✓		✓
Matter	✓	✓	✓	✓	✓	✓
States of Matter	✓	✓	✓	✓		✓
Atoms			✓	✓	✓	✓
Measurement of Matter			✓	✓	✓	✓
Changes in Matter		✓	✓	✓	✓	✓
Technology		✓	✓	✓	✓	✓
Force	✓	✓	✓	✓	✓	
Electric		✓	✓	✓	✓	
Magnetic			✓	✓	✓	
Machines	✓		✓		✓	✓
Simple	✓		✓		✓	
Compound			✓		✓	

Earth and Space Science Unit	1	2	3	4	5	6
The Lithosphere	✓	✓	✓	✓	✓	✓
Processes			✓	✓	✓	✓
Plate Tectonics			✓	✓	✓	✓
Rocks and Minerals			✓	✓	✓	✓
Technology			✓	✓	✓	✓
Conservation			✓	✓	✓	✓
The Hydrosphere	✓	✓	✓	✓	✓	✓
Processes	✓	✓	✓	✓	✓	✓
Properties and States of Water	✓	✓		✓		✓
Freshwater			✓	✓	✓	✓
Saltwater		✓	✓	✓	✓	✓
Habitats and Zones		✓		✓		✓
Technology		✓		✓	✓	
Conservation			✓	✓	✓	

Earth and Space Science Unit	1	2	3	4	5	6
The Atmosphere	✓	✓	✓	✓	✓	✓
Processes		✓		✓	✓	✓
Weather and Climate	✓	✓	✓	✓	✓	✓
Technology	✓			✓	✓	✓
Conservation				✓	✓	
Astronomy	✓	✓	✓	✓	✓	✓
Solar System	✓		✓	✓	✓	✓
Eclipses			✓	✓	✓	
Moon Phases	✓		✓	✓	✓	
Seasons	✓		✓	✓	✓	
Stars	✓		✓	✓	✓	✓
Galaxies			✓	✓	✓	✓
Gravity			✓	✓	✓	✓
Space Exploration	✓		✓	✓	✓	✓
Technology	✓		✓	✓	✓	✓

Human Body Unit	1	2	3	4	5	6
Senses	✓	✓	✓	✓	✓	✓
Musculoskeletal System			✓	✓	✓	✓
Nervous System	✓	✓	✓	✓		✓
Cardiovascular System	✓			✓		✓
Digestive System	✓	✓		✓		✓
Respiratory System	✓			✓		✓
Urinary System				✓		✓
Endocrine System					✓	✓
Reproductive System (in Teacher Edition only)						✓
Skin		✓		✓	✓	✓
Health	✓	✓	✓	✓	✓	✓
Diseases and Disorders		✓	✓	✓	✓	✓
Use of Technology	✓	✓	✓	✓	✓	✓

Skills	1	2	3	4	5	6
Investigation Skills	✓	✓	✓	✓	✓	✓
Plan and Conduct Experiments						✓
Formulate Questions				✓	✓	✓
Predict	✓	✓	✓	✓	✓	✓
Test	✓	✓	✓	✓	✓	✓
Calculate	✓	✓	✓	✓	✓	✓
Collect Data	✓	✓	✓	✓	✓	✓
Variables				✓	✓	✓
Journal	✓	✓	✓	✓	✓	✓
Measure	✓	✓	✓	✓	✓	✓
Observe	✓	✓	✓	✓	✓	✓

Skills (continued)	1	2	3	4	5	6
Classify	✓	✓	✓	✓	✓	✓
Research			✓	✓	✓	✓
Work Independently and Collaboratively	✓	✓	✓	✓	✓	✓
Communicate Results			✓	✓	✓	✓
Critical Thinking Skills	✓	✓	✓	✓	✓	✓
Compare / Contrast	✓	✓	✓	✓	✓	✓
Interpret Data	✓	✓	✓	✓	✓	✓
Deduct and Infer			✓	✓	✓	✓
Evaluate	✓	✓	✓	✓	✓	✓
Relate Cause and Effect	✓	✓	✓	✓	✓	✓
Make Generalizations and Judgments	✓	✓	✓	✓	✓	✓
Solve Problems			✓	✓	✓	✓
Organizational Skills	✓	✓	✓	✓	✓	✓
Data Tables / Charts	✓	✓	✓	✓	✓	✓
Sequence	✓	✓	✓	✓	✓	✓
Graphs	✓	✓	✓	✓	✓	✓
Bar	✓		✓	✓	✓	✓
Circle				✓	✓	
Concept Map	✓		✓	✓	✓	✓
Cycle	✓	✓	✓	✓	✓	✓
Histogram		✓		✓	✓	
Line		✓		✓	✓	✓
Venn Diagram					✓	✓
Map		✓	✓	✓	✓	✓
Sort	✓	✓	✓	✓	✓	✓
Illustrate	✓	✓	✓	✓	✓	✓
Make Models / Exhibits	✓	✓	✓	✓	✓	✓
Using Technology and Techniques	✓	✓	✓	✓	✓	✓
Technology	✓	✓	✓	✓	✓	✓
Calculator			✓	✓	✓	✓
Compass			✓		✓	✓
Computer			✓	✓	✓	✓
Hand Lens	✓	✓	✓	✓	✓	✓
Metric Measuring Tools and Equipment			✓	✓	✓	✓
Microscope			✓	✓	✓	✓
Scales			✓	✓	✓	✓
Thermometer	✓	✓	✓	✓	✓	✓
Weather Instruments				✓	✓	
Technique	✓	✓	✓	✓	✓	✓
Design Alternative Tools / Devices			✓	✓	✓	✓
Dissection					✓	✓
Lab Safety	✓	✓	✓	✓	✓	✓
Measurement	✓	✓	✓	✓	✓	✓