

TEKS in Focus highlights key concepts and student expectations to assist educators in implementing the science Texas Essential Knowledge and Skills (TEKS) vertical progression of a concept with the science TEKS provided with a side-by-side view of the changes being implemented in 2024.

Focus: Vertical Alignment of Physical and Chemical Properties Elementary

Level of Study	Current Science TEKS	TEKS Implementing in 2024
Kindergarten	K.5 Matter and energy. The student knows that objects have properties and patterns. The student is expected to: K.5.A observe and record properties of objects, including bigger or smaller, heavier or lighter, shape, color, and texture; and	K.6 Matter and its properties. The student knows that objects have physical properties that determine how they are described and classified. The student is expected to: identify and record observable physical properties of objects, including shape, color, texture, and material, and generate ways to classify objects.
Grade 1	1.5.A classify objects by observable properties such as larger and smaller, heavier and lighter, shape, color, and texture;	1.6.A classify objects by observable physical properties, including shape, color, and texture, and attributes such as larger and smaller and heavier and lighter;
Grade 2	2.5.A classify matter by physical properties including relative temperature, texture, flexibility, and whether material is a solid or liquid;	2.6.A classify matter by observable physical properties, including texture, flexibility, and relative temperature, and identify whether a material is a solid or liquid;
Grade 3	3.5.A measure test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float;	3.6.A measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float in water;
Grade 4	4.5.A measure, and sink or	

Focus: Vertical Alignment of Physical and Chemical Properties High School

Level of Study	Current Science TEKS	TEKS Implementing in 2024
Chemistry	<p>Chem.4.A differentiate between physical and chemical changes and properties;</p> <p>Chem.4.B identify extensive properties such as mass and volume and intensive properties such as density and melting point;</p> <p>Chem.4.C compare solids, liquids, and gases in terms of compressibility, structure, shape, and volume; and</p> <p>Chem.4.D classify matter as pure substances or mixtures through investigation of their properties.</p> <p>Chem.5.B identify and explain the properties of chemical families, including alkali metals, alkaline earth metals,</p>	<p>Chem.4.A differentiate between physical and chemical changes and properties;</p> <p>Chem.4.B identify extensive properties such as mass and volume and intensive properties such as density and melting point;</p> <p>Chem.4.C compare solids, liquids, and gases in terms of compressibility, structure, shape, and volume; and</p> <p>Chem.4.D classify matter as pure substances or mixtures through investigation of their properties.</p> <p>Chem.5.B identify and explain the properties of chemical families, including alkali metals, alkaline earth metals,</p>