

Kite Festival Curriculum Standards

Oklahoma Academic Standards for Science

Grade	Standard
3	<p>3-PS2-1: Motion and Stability: Forces and Interactions</p> <ul style="list-style-type: none"> • Each force acts on one particular object and has both strength and a direction. An object at rest typically has multiple forces acting on it, but they add to give zero net force on the object. Forces that do not sum to zero can cause changes in the object's speed or direction of motion. (Boundary: Qualitative and conceptual, but not quantitative addition of forces are used at this level.) <p>3-PS2-1: Motion and Stability: Forces and Interactions</p> <ul style="list-style-type: none"> •The patterns of an object's motion in various situations can be observed and measured; when that past motion exhibits a regular pattern, future motion can be predicted from it. (Boundary: Technical terms, such as magnitude, velocity, momentum, and vector quantity, are not introduced at this level, but the concept that some quantities need both size and direction to be described is developed.)
4	<p>4-PS3-4: Energy: Influence of Engineering, Technology, and Science on Society and the Natural World: Engineers improve existing technologies or develop new ones.</p>
5	<p>5-PS2-1 Motion and Stability: Forces and Interactions: The gravitational force of Earth acting on an object near Earth's surface pulls that object toward the planet's center.</p>

Oklahoma Academic Standards for Math

Grade	Standard
3	<p>3.A.1.3 Explore and develop visual representations of growing geometric patterns and construct the next steps.</p>

	<p>3.GM.2.1 Find perimeter of polygon, given whole number lengths of the sides, in real-world and mathematical situations.</p> <p>3.GM.2.3 Choose an appropriate measurement instrument and measure the length of objects to the nearest whole centimeter or meter.</p> <p>3.GM.2.4 Choose an appropriate measurement instrument and measure the length of objects to the nearest whole yard, whole foot, or half inch.</p> <p>3.GM.3.2 Determine the solutions to problems involving addition and subtraction of time in intervals of 5 minutes, up to one hour, using pictorial models, number line diagrams, or other tools.</p>
4	<p>4.GM.1.1 Identify points, lines, line segments, rays, angles, endpoints, and parallel and perpendicular lines in various contexts.</p> <p>4.GM.2.1 Measure angles in geometric figures and real-world objects with a protractor or angle ruler.</p> <p>4.GM.2.4 Choose an appropriate instrument and measure the length of an object to the nearest whole centimeter or quarter-inch.</p>
5	<p>5.GM.3.1 Measure and compare angles according to size.</p> <p>5.GM.3.2 Choose an appropriate instrument and measure the length of an object to the nearest whole centimeter or 1/16-inch.</p> <p>5.GM.3.3 Recognize and use the relationship between inches, feet, and yards to measure and compare objects.</p>

Oklahoma Academic Standards for Social Studies

Grade	Standard
3	<p>Skills Standard 1.9. Compare and contrast the most important points and key details presented in two texts on the same topic.</p> <p>Skills Standard 2.2. Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</p>

	<p>Skills Standard 3.2. Determine the main ideas and supporting details of a social studies text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.</p>
4	<p>Skills Standard 2.2. Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</p> <p>Skills Standard 2.4. Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.</p>
5	<p>Skills Standard 1.5. Compare and contrast the overall structure (e.g., chronology, comparison, cause/effect, historic problem/ solution) of events, ideas, concepts, or information in two or more texts.</p> <p>Skills Standard 1.6. Analyze multiple accounts of the same event or topic, noting important similarities and differences in the point of view they represent.</p> <p>Skills Standard 2.4. Produce clear and coherent writing in which the development and organization are appropriate to the task, purpose, and audience.</p>