

Grade 4 Beginning with School Year 2010-2011 Science TEKS Available at Space Center Houston

Texas Essential Knowledge and Skills	Related Exhibit at Space Center Houston
Demonstrate safe practices and the use of safety equipment as described in the Texas Safety Standards during classroom and outdoor investigations (4.1).	Kids Space Place NASA Tram Tours
Plan and implement descriptive investigations, including asking well-defined questions, making inferences, and selecting and using appropriate equipment or technology to answer his/her questions (4.2).	Kids Space Place Part Task Trainers (PTT's) NASA Tram Tours
Collect and record data by observing and measuring, using the metric system, and using descriptive words and numerals such as labeled drawings, writing, and concept maps (4.2).	Kids Space Place NASA Tram Tours
Analyze data and interpret patterns to construct reasonable explanations from data that can be observed and measured (4.2).	Kids Space Place Part Task Trainers (PTT's)
Communicate valid, oral, and written results supported by data (4.2).	Kids Space Place NASA Tram Tours
In all fields of science, analyze, evaluate, and critique scientific explanations by using empirical evidence, logical reasoning, and experimental and observational testing, including examining all sides of scientific evidence of those scientific explanations, so as to encourage critical thinking by the student (4.3).	Kids Space Place Starship Gallery
Connect grade-level appropriate science concepts with the history of science, science careers, and contributions of scientists (4.3).	Part Task Trainers (PTT's) Internet Blast-Off Stations Starship Gallery BLAST-OFF! Theatre NASA Tram Tours

<p>Collect, record, and analyze information using tools, including calculators, microscopes, cameras, computers, hand lenses, metric rulers, Celsius thermometers, mirrors, spring scales, pan balances, triple beam balances, graduated cylinders, beakers, hot plates, meter sticks, compasses, magnets, collecting nets, and notebooks; timing devices, including clocks and stopwatches; and materials to support observation of habitats of organisms such as terrariums and aquariums (4.4).</p>	<p>Kids Space Place Part Task Trainers (PTT's)</p>
<p>Design an experiment to test the effect of force on an object such as a push or a pull, gravity, friction, or magnetism (4.6).</p>	<p>Kids Space Place Manned Maneuvering Unit Simulator</p>
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