

Grade 6
Science TEKS Available at Space Center Houston

Texas Essential Knowledge and Skills	Related Exhibit at Space Center Houston
Demonstrate safe practices during field and laboratory investigations (6.1A).	Kids Space Place NASA Tram Tours
Plan and implement investigative procedures including asking questions, formulating testable hypotheses, and selecting and using equipment and technology (6.2A).	Kids Space Place Part Task Trainers (PTT's) NASA Tram Tours
Collect data by observing and measuring (6.2B).	Kids Space Place ISS Exhibit NASA Tram Tours
Analyze and interpret information to construct reasonable explanations from direct and indirect evidence (6.2C).	Kids Space Place Part Task Trainers (PTT's) NASA Tram Tours
Communicate valid conclusions (6.2D).	Kids Space Place NASA Tram Tours
Analyze, review, and critique scientific explanations, including hypotheses and theories, as to their strengths and weaknesses using scientific evidence and information (6.3A).	Kids Space Place Starship Gallery NASA Tram Tours
Evaluate the impact of research on scientific thought, society, and the environment (6.3D).	Part Task Trainers (PTT's) Internet Blast-Off Stations Starship Gallery NASA Tram Tours
Connect Grade 6 science concepts with the history of science and contributions of scientists (6.3E).	Part Task Trainers (PTT's) Starship Gallery BLAST-OFF! Theatre NASA Tram Tours

<p>Collect, analyze, and record information using tools including beakers, Petri dishes, meter sticks, graduated cylinders, weather instruments, timing devices, hot plates, test tubes, safety goggles, spring scales, magnets, balances, microscopes, telescopes, thermometers, calculators, field equipment, compasses, computers, and computer probes (6.4A).</p>	<p>Kids Space Place Part Task Trainers (PTT's)</p>
<p>Identify and describe a system that results from the combination of two or more systems such as in the solar system (6.5A).</p>	<p>Starship Gallery Spacesuits on Display Space Shuttle Orbiter Mock-Up NASA Tram Tours</p>
<p>Describe how the properties of a system are different from the properties of its parts (6.5B).</p>	<p>Kids Space Place</p>
<p>Identify and describe the changes in position, direction of motion, and speed of an object when acted upon by force (6.6A).</p>	<p>Kids Space Place Part Task Trainers (PTT's) Manned Maneuvering Unit Simulator NASA Tram Tours</p>
<p>Demonstrate that changes in motion can be measured and graphically represented (6.6B).</p>	<p>Part Task Trainers (PTT's)</p>
<p>Describe types of equipment and transportation needed for space travel (6.13B).</p>	<p>Spacesuits on Display Part Task Trainers (PTT's) Manned Maneuvering Unit Simulator Space Shuttle Orbiter Mock-Up Space Shuttle Main Engine Display NASA Tram Tours</p>