

Grade 7

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 (7.1A).	Kids Space Place NASA Tram Tours
Plan and implement investigative procedures including asking questions, formulating testable hypotheses, and selecting and using equipment and technology (7.2A).	Kids Space Place Part Task Trainers (PTT's) NASA Tram Tours
Collect data by observing and measuring (7.2B).	Kids Space Place ISS Exhibit NASA Tram Tours
Organize, analyze, make inferences, and predict trends from direct and indirect evidence (7.2C).	Kids Space Place Part Task Trainers (PTT's) NASA Tram Tours
Communicate valid conclusions (7.2D).	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 (7.3A).	Kids Space Place Starship Gallery NASA Tram Tours
Evaluate the impact of research on scientific thought, society, and the environment (7.3D).	Part Task Trainers (PTT's) Internet Blast-Off Stations Starship Gallery NASA Tram Tours
Connect Grade 7 science concepts with the history of science and contributions of scientists (7.3E).	Part Task Trainers (PTT's) Starship Gallery BLAST-OFF! Theatre NASA Tram Tours

<p>Collect, analyze, and record information to explain a phenomenon using tools including beakers, Petri dishes, meter sticks, graduated cylinders, weather instruments, hot plates, dissecting equipment, test tubes, safety goggles, spring scales, balances, microscopes, telescopes, thermometers, calculators, field equipment, computers, and computer probes, timing devices, magnets, and compasses (7.4A).</p>	<p>Kids Space Place Part Task Trainers (PTT's)</p>
<p>Collect and analyze information to recognize patterns such as rates of change (7.4B).</p>	<p>Kids Space Place Part Task Trainers (PTT's) Manned Maneuvering Unit Simulator</p>
<p>Demonstrate that an object will remain at rest or move at a constant speed and in a straight line if it is not being subjected to an unbalanced force (7.6B).</p>	<p>Kids Space Place Part Task Trainers (PTT's) Manned Maneuvering Unit Simulator</p>
<p>Illustrate examples of potential and kinetic energy in everyday life such as objects at rest, movement of geologic faults, and falling water (7.8A).</p>	<p>Kids Space Place Part Task Trainers (PTT's) Manned Maneuvering Unit Simulator</p>
<p>Make inferences and draw conclusions about effects of human activity on Earth's renewable, non renewable and inexhaustible resources (7.14C).</p>	<p>Starship Gallery</p>