

High School Beginning with School Year 2010-2011

IPC 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 (1).	Kids Space Place NASA Tram Tour
Plan and implement investigative procedures, including asking questions, formulating testable hypotheses, and selecting equipment and technology (2).	Kids Space Place Part Task Trainers (PTT's) NASA Tram Tours
Organize, analyze, evaluate, make inferences, and predict trends from data (2).	Kids Space Place Part Task Trainers (PTT's) Manned Maneuvering Unit Simulator
Communicate valid conclusions (2).	Kids Space Place Part Task Trainers (PTT's) 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 (3).	Kids Space Place Starship Gallery Part Task Trainers (PTT's) NASA Tram Tours
Evaluate the impact of research on scientific thought, society, and the environment (3).	Part Task Trainers (PTT's) Starship Gallery NASA Tram Tours
Describe connection between physics and chemistry, and future careers (3).	Part Task Trainers (PTT's) Starship Gallery NASA Tram Tours BLAST-OFF! Theatre
Research and describe the history of physics, chemistry, and contributions of	Part Task Trainers (PTT's) Starship Gallery

<p>scientists (3).</p>	<p>Spacesuits on Display BLAST-OFF! Theatre NASA Tram Tours Internet Blast-Off Station</p>
<p>Investigate how an object's motion changes only when a net force is applied, including activities and equipment such as toy cars, vehicle restraints, sports activities, and classroom objects (4).</p>	<p>Kids Space Place Part Task Trainers (PTT's) Manned Maneuvering Unit Simulator NASA Tram Tours</p>
<p>Apply the concept of conservation of momentum using action and reaction forces such as students on skateboards (4).</p>	<p>Kids Space Place Part Task Trainers (PTT's) Manned Maneuvering Unit Simulator</p>