

## **Grade 3**

### **Science TEKS Available at Space Center Houston**

<b>Texas Essential Knowledge and Skills</b>	<b>Related Exhibit at Space Center Houston</b>
Demonstrate safe practices during field and laboratory investigations (3.1A).	<b>Kids Space Place</b> <b>NASA Tram Tours</b>
Plan and implement descriptive investigations including asking well-defined questions, formulating testable hypotheses, and selecting and using equipment and technology (3.2A).	<b>Kids Space Place</b> <b>Part Task Trainers (PTT's)</b> <b>NASA Tram Tours</b>
Collect information by observing and measuring (3.2B).	<b>Kids Space Place</b> <b>ISS Exhibit</b> <b>NASA Tram Tours</b>
Analyze and interpret information to construct reasonable explanations from direct and indirect evidence (3.2C).	<b>Kids Space Place</b> <b>Part Task Trainers (PTT's)</b>
Communicate valid conclusions (3.2D).	<b>Kids Space Place</b> <b>NASA Tram Tours</b>
Analyze, review, and critique scientific explanations, including hypotheses and theories, as to their strengths and weaknesses using scientific evidence and information (3.3A).	<b>Kids Space Place</b> <b>Starship Gallery</b>
Evaluate the impact of research on scientific thought, society, and the environment (3.3D).	<b>Part Task Trainers (PTT's)</b> <b>Internet Blast-Off Stations</b> <b>Starship Gallery</b> <b>BLAST-OFF! Theatre</b> <b>NASA Tram Tours</b>
Collect and analyze information using tools including calculators, microscopes, cameras, safety goggles, sound recorders, clocks, computers, thermometers, hand lenses, meter sticks, rulers, balances, magnets, and compasses (3.4A).	<b>Kids Space Place</b> <b>Part Task Trainers (PTT's)</b>

Demonstrate that repeated investigations may increase the reliability of results (3.4B).	<b>Kids Space Place</b> <b>Part Task Trainers (PTT's)</b> <b>Starship Gallery</b> <b>NASA Tram Tours</b>
Observe and identify simple systems such as a sprouted seed and a wooden toy car (3.5A).	<b>Kids Space Place</b> <b>Spacesuits on Display</b> <b>Part Task Trainers (PTT's)</b> <b>Space Shuttle Orbiter Mock-Up</b> <b>NASA Tram Tours</b>
Observe a simple system and describe the role of various parts such as a yo-yo and string (3.5B).	<b>Kids Space Place</b> <b>Spacesuits on Display</b> <b>Space Shuttle Orbiter Mock-Up</b> <b>Part Task Trainers (PTT's)</b>
Measure and record changes in the position and direction of the motion of an object to which a force such as a push or pull has been applied (3.6A).	<b>Kids Space Place</b> <b>Part Task Trainers (PTT's)</b> <b>Manned Maneuvering Unit Simulator</b> <b>NASA Tram Tours</b>
Gather information including temperature, magnetism, hardness, and mass using appropriate tools to identify physical properties of matter (3.7A).	<b>Kids Space Place</b> <b>Starship Gallery</b>
Identify and describe the importance of earth materials including rocks, soil, water, and gases of the atmosphere in the local area and classify them as renewable, nonrenewable, or inexhaustible resources (3.11A).	<b>Starship Gallery</b> <b>NASA Tram Tours</b>
Describe the characteristics of the Sun (3.11D).	<b>Starship Gallery</b>