

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

Texas Essential Knowledge and Skills	Related Exhibit at Space Center Houston
Identify and demonstrate safe practices as described in the Texas Safety Standards during classroom and outdoor investigations (K.1).	Kids Space Place NASA Tram Tours
Ask questions about organisms, objects, and events observed in the natural world (K.2).	Kids Space Place Living in Space Show Starship Gallery Space Center Scavenger Hunt NASA Tram Tours
Plan and conduct simple descriptive investigations such as ways objects move (K.2).	Kids Space Place Manned Maneuvering Unit Simulator Starship Gallery Part Task Trainers (PTT's) Space Center Scavenger Hunt
Record and organize data and observations using pictures, numbers, and words (K.2).	Kids Space Place Space Center Scavenger Hunt NASA Tram Tours
Communicate observations with others about simple descriptive investigations (K.2).	Kids Space Place
Identify and explain a problem such as the impact of littering on the playground and propose a solution in his/her own words (K.3).	Kids Space Place Manned Maneuvering Unit Simulator Part Task Trainers (PTT's) Space Center Scavenger Hunt
Explore that scientists investigate different things in the natural world and use tools to help in their investigations. (K.3).	Kids Space Place Part Task Trainers (PTT's)
Collect information using tools, including computers, hand lenses, primary	Kids Space Place

<p>balances, cups, bowls, magnets, collecting nets, and notebooks; timing devices, including clocks and timers; non-standard measuring items such as paper clips and clothespins; weather instruments such as demonstration thermometers and wind socks; and materials to support observations of habitats of organisms such as terrariums and aquariums (K.4).</p>	<p>Internet Blast-Off Stations Part Task Trainers (PTT's)</p>
<p>Use senses as a tool of observation to identify properties and patterns of organisms, objects, and events in the environment. (K.4).</p>	<p>Kids Space Place Spacesuits on Display Part Task Trainers (PTT's) Space Shuttle Mock-Up BLAST-OFF! Theatre Space Center Scavenger Hunt NASA Tram Tours ISS Exhibit</p>
<p>Observe and record properties of objects, including relative size and mass, such as bigger or smaller and heavier or lighter, shape, color, and texture (K.5).</p>	<p>Kids Space Place Part Task Trainers (PTT's)</p>
<p>Observe and describe the location of an object in relation to another such as above, below, behind, in front of, and beside (K.6).</p>	<p>ISS Exhibit</p>
<p>Observe and describe the ways that objects can move such as in a straight line, zigzag, up and down, back and forth, round and round, and fast and slow. (K.6).</p>	<p>Kids Space Place</p>
<p>Observe, describe, compare, and sort rocks by size, shape, color, and texture (K.7).</p>	<p>Manned Maneuvering Unit Simulator Part Task Trainers (PTT's) NASA Tram Tours</p>
<p>Observe and describe physical properties of natural sources of water, including color and clarity (K.7).</p>	<p>Manned Maneuvering Unit Simulator Part Task Trainers (PTT's) NASA Tram Tours</p>
<p>Give examples of ways rocks, soil, and</p>	<p>Starship Gallery</p>

water are useful (K.7).	
Observe, describe, and illustrate objects in the sky such as the clouds, Moon, and stars, including the Sun (K.8).	BLAST-OFF! Theatre Starship Gallery
Differentiate between living and nonliving things based upon whether they have basic needs and produce offspring (K.9).	Living in Space Show
Examine evidence that living organisms have basic needs such as food, water, and shelter for animals and air, water, nutrients, sunlight, and space for plants (K.9).	Living in Space Show

Grade K

Social Studies TEKS

Texas Essential Knowledge and Skills	Related Exhibit at Space Center Houston
The student understands that basic human needs are met in many ways (K.6 A-B).	Living in Space Show
Describe how technology helps accomplish specific tasks (K.13B).	Kids Space Place NASA Tram Tours
The students understand ways in which technology has changed the way people live (K.14).	Part Task Trainers (PTT's) NASA Tram Tours
Obtain information about a topic using a variety of visual sources such as pictures, symbols, television, maps, computer images, print material, and artifacts (K.15B).	Space Shuttle Mock-Up NASA Tram Tours

Grade K Technology TEKS

Texas Essential Knowledge and Skills	Related Exhibit at Space Center Houston
Use a variety of input devices such as a mouse, keypad, disk drive, modem, voice/sound recorder, scanner, digital video, CD-ROM, or touch screen (K.2A).	Internet Blast-Off Stations Part Task Trainers (PTT's) ISS Exhibit

Grade K Language Arts TEKS

Texas Essential Knowledge and Skills	Related Exhibit at Space Center Houston
Determine the purpose(s) for listening such as to get information, to solve problems, and to enjoy and appreciate (K.1A).	Space Center Scavenger Hunt NASA Tram Tours
Respond appropriately and courteously to directions and questions (K.1B).	NASA Tram Tours BLAST-OFF! Theatre NASA Tram Tours
Connect experiences and ideas with others through speaking and listening (K.2A).	Living in Space Show NASA Tram Tours
Use pictures, print, and people to gather information and answer questions (K.12B).	Spacesuits on Display Space Center Scavenger Hunts Living in Space Show Starship Gallery NASA Tram Tours
Draw conclusions from information ga-	Space Center Scavenger Hunts

thered (K.12C).	NASA Tram Tours
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Grade K
Math TEKS

Texas Essential Knowledge and Skills	Related Exhibit at Space Center Houston
Use tools such as real objects, manipulatives, and technology to solve problems (K.13D).	Kids Space Place Manned Maneuvering Unit Simulator Part Task Trainers (PTT's) Space Center Scavenger Hunts

Grade K
Physical Activity and Health TEKS

Texas Essential Knowledge and Skills	Related Exhibit at Space Center Houston
The student understands safety practices with physical activity and space (K.5).	Kids Space Place NASA Tram Tours