

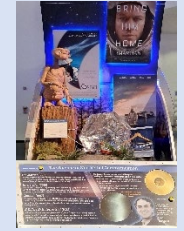









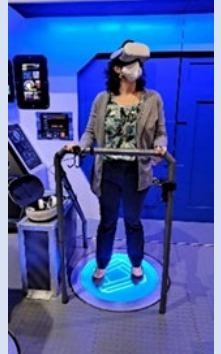

Accessibility & Sensory Guide - Temporary Exhibit “POPnology”





Explore how popular culture has influenced technological advances through a series of immersive experiences and interactive displays.






- 👁️ **Visual considerations:** Signs are in English with large print labels and small print details. Videos with audio have integrated non-narrative descriptive language. Bright and colorful lights are throughout. Some interactives have flashing lights, but no strobing.
- 👂 **Auditory considerations:** Multiple videos with audio sources throughout. Loud beeps, hisses, roars, and other sounds will occur. Some exhibits have audio buttons (scripts available soon). Most videos have no audio, or the audio is non-essential. Essential audio on videos is captioned.
- 👋 **Tactile considerations:** There are many items to touch. Cleaning wipes are provided throughout the exhibit. Items behind plexiglass, ropes, or other barriers are for looking and listening only.
- ♿️ **Mobility considerations:** Wheelchair users have clear pathways to all locations. All technology interactives are wheelchair accessible. Some interactives require use of joysticks, buttons, or a combination of both.




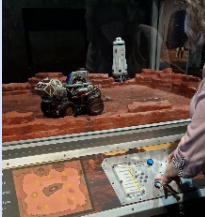

Location	Photo	Accessibility Description	Sensory Impact
Entrance		<ul style="list-style-type: none"> 👁️ Signage written in English 👂 No audio 👋 No tactile – look only 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Low impact 👋 No impact
Puzzle Videos 4 cabinets with “puzzle” pieces to enable videos		<ul style="list-style-type: none"> 👁️ Cabinets with items and drawers with “puzzle” pieces 👂 Videos have loud audio. Not captioned but key message is on screen 👋 “Puzzles” come in different shapes and must be moved to scanner to begin video 	<ul style="list-style-type: none"> 👁️ Low impact 👂 Medium impact 👋 Medium impact
Non-Verbal Communication How did ET & others communicate without words?		<ul style="list-style-type: none"> 👁️ Photos, items, and signs from movies 👂 Push buttons for audio (script soon) 👋 Push buttons 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Medium impact 👋 Low impact

<p>Radio Waves Keyboard & Light Display</p>		<ul style="list-style-type: none"> 👁️ Music played on keyboard lights up display 👂 LOUD music 👋 Music controlled by keyboard 	<ul style="list-style-type: none"> 👁️ High impact 👂 Very high impact 👋 Low/Med impact
<p>R2D2 Build your own wooden blocks display Look only at R2D2</p>		<ul style="list-style-type: none"> 👁️ R2D2 robot to look at only 👂 No audio, sound of wooden pieces 👋 Build your own design with wooden pieces 	<ul style="list-style-type: none"> 👁️ Low impact 👂 Medium impact 👋 Med/High impact
<p>Tablet Band Play a variety of digital musical instruments</p>		<ul style="list-style-type: none"> 👁️ Music created through touchpad 👂 Loud music 👋 Music created through touchpad 	<ul style="list-style-type: none"> 👁️ Low impact 👂 High impact 👋 Low/Med impact
<p>Artificial Intelligence HAL 9000 Display</p>		<ul style="list-style-type: none"> 👁️ Futuristic bright lighting with multiple small displays 👂 Random loud robotic voice of HAL 👋 No tactile – look/listen only 	<ul style="list-style-type: none"> 👁️ High impact 👂 VERY high impact 👋 No impact
<p>3D Printing</p>		<ul style="list-style-type: none"> 👁️ 3D printers, videos, and signs 👂 No audio on videos, but hum from printers 👋 Touch the 3D printed fender 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Low impact 👋 Low/Medium impact

<p>3D Printed Car</p>		<ul style="list-style-type: none"> 👁️ Actual 3D printed car and video of production 👂 No audio on video 👋 No tactile – look only 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 No impact 👋 No impact
<p>Pentiductor Complete an electrical circuit with your hands</p>		<ul style="list-style-type: none"> 👁️ Colored lights 👂 Low volume metallic static sound 👋 At least two touch points necessary to complete the circuit. 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Low impact 👋 High impact
<p>3D Virtual Reality 75 seconds long</p> <p>Excerpts from movie “Space Explorers: The ISS Experience”</p> <p>Full movie is shown in Space Center Theater</p>		<ul style="list-style-type: none"> 👁️ Futuristic design, disorienting 3D video from International Space Station (audio descriptive available via boxes in Space Center Theater) 👂 Audio from movie (full audio available via caption boxes in Space Center Theater) 👋 Virtual reality goggles worn on head and in front of eyes ♿ Wheelchair access at front two stations 	<ul style="list-style-type: none"> 👁️ Very high impact 👂 High impact 👋 Very high impact
<p>Rail Robot</p>		<ul style="list-style-type: none"> 👁️ Robotic assembly line with robot arms 👂 Soft hum from robotic parts 👋 Joystick and button operated 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Medium impact 👋 Medium impact

<p>Robotic Telepresence & 3 Finger Robot With Angry Mama T-Rex</p>		<ul style="list-style-type: none"> 👁️ Scary looking T-Rex animatronic moves at random times. 👁️ Robotic arms move, controlled from the 3 Finger robot on back side. 👂 T-Rex softly roars at random times 👂 Soft hum from robotic parts 👋 Joystick and button operated from controls on the other side of the display 	<ul style="list-style-type: none"> 👁️ Very high impact 👂 High impact 👋 Medium impact
<p>Robotic Arm Challenge</p>		<ul style="list-style-type: none"> 👁️ Robotic arms move small building blocks 👂 Soft hum from robotic parts, soft sound of blocks falling 👁️ Joystick and button operated 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Medium impact 👋 Medium impact
<p>Alien Statue (Does not move or make sounds)</p>		<ul style="list-style-type: none"> 👁️ Scary looking alien statue 👂 No audio 👋 No tactile – look only 	<ul style="list-style-type: none"> 👁️ High impact 👂 No impact 👋 No impact
<p>Mars Rocket Builder</p>		<ul style="list-style-type: none"> 👁️ Video game with bright lights (video of explosions possible) 👂 Very loud noises such as beeps, rocket engines, and crash noises 👋 Joystick and button operated 	<ul style="list-style-type: none"> 👁️ Med/high impact 👂 Very high impact 👋 Medium impact

<p>Self-Driving Vehicles</p>		<ul style="list-style-type: none"> 👁️ Video screens above an actual test vehicle 👂 Videos have no audio, middle screen is captioned 👋 No tactile – look only 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Medium impact 👋 Medium impact
<p>DeLorean Time Machine</p> <p>NOTE: an alarm will sound if the barrier is crossed.</p>		<ul style="list-style-type: none"> 👁️ DeLorean car with adaptations to simulate a time machine 👂 Randomly timed hisses and beeps 👂 Loud ALARM will sound if the barrier is crossed 👋 No tactile – look/listen only 	<ul style="list-style-type: none"> 👁️ Low impact 👂 Medium to very high impact 👋 No impact
<p>Pixels</p>		<ul style="list-style-type: none"> 👁️ Multiple colorful pegs can be placed to create images 👂 No audio, but sound of pegs being placed or dropped 👋 Large pegs are easy to manipulate 	<ul style="list-style-type: none"> 👁️ High impact 👂 No impact 👋 High impact
<p>1983 Life Before Smartphones</p>		<ul style="list-style-type: none"> 👁️ Mockup of a room from 1983. Areas will light up when buttons are pressed on the right side of panels. 👂 Loud audio tells the story of the life of a man named “Bob.” (Printed script coming soon) 👋 Buttons to push 	<ul style="list-style-type: none"> 👁️ Med/High impact 👂 Medium impact 👋 Medium impact
<p>Garage</p>		<ul style="list-style-type: none"> 👁️ Garage mockup with many tools and gadgets 👁️ Spin-controlled video timeline 👂 Electro-magnetism button makes a very loud whoosh and “Ping” 👂 No audio on spin-controlled video timeline 👋 Rolling mouse to spin-control video. Button to push. 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Very high impact 👋 Medium impact

<p>Donkey Kong</p>		<ul style="list-style-type: none"> 👁️ Retro arcade video game console. Blinking lights and bright moving objects 👂 Medium loud video game music and noises 🖱️ Joystick and button controls 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Medium impact 🖱️ Medium impact
<p>1980s Home Robots</p>		<ul style="list-style-type: none"> 👁️ Bright blue lights, bright blinking lights, multiple robots, video screens 👂 Video has medium loud audio (script coming soon) 👂 Game has no audio 🖱️ Button controls 	<ul style="list-style-type: none"> 👁️ High impact 👂 Medium impact 🖱️ Low impact
<p>Cell Phone Microscope</p>		<ul style="list-style-type: none"> 👁️ Video display projects items under a microscope 👂 No audio 🖱️ Spin disc to change view 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 No impact 🖱️ Medium impact
<p>Expedition Mars Drive a rover</p>		<ul style="list-style-type: none"> 👁️ Large tank contains a mockup of the surface of Mars and a small rover robot 👂 Loud beeps and words when sensors are activated 🖱️ Joystick and button controls 	<ul style="list-style-type: none"> 👁️ Medium impact 👂 Very high impact 🖱️ Medium impact
<p>Mars Lander Game</p>		<ul style="list-style-type: none"> 👁️ Video game style display – crashes are possible 👂 No sound 🖱️ Button controls 	<ul style="list-style-type: none"> 👁️ Med/high impact 👂 No impact 🖱️ Medium impact

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