

Hands-On Tech

Grades 3 - 6

Get hands-on with technology and explore its many unique applications in the exhibit areas listed below:

Signal Stations

Describe the tool you used to capture a pattern.

When you're editing your picture, what happens when you choose "pixelate"?
Where does the term "pixelate" come from?

Anytime/Anywhere Ramp

In the 1800's what communication device used dots and dashes to represent letters?

During which decade did video games first become portable and hand-held?

1. 1960's 2. 1970's 3. 1980's 4. 1990's

Nanotechnology

Describe the ways advancements in nanotechnology are affecting one of the following industries: Fashion, Medicine, Transportation, Electronics, Architecture and the Environment.

Virtual Surgery

Which part of the heart do doctors operate on in order to "bypass the heart"?

1. Septum 2. Ventricle 3. Aorta 4. Sternum

What must you do in order to temporarily stop the heart from beating?

Robots

What function does the camera on the robot's body have?

Describe the role color plays in your robot's activities in the Zone?

HDTV Studio

Explain what one of these members of a Broadcast team does to help put the show together:
Director / Host / Field Reporter / Camera Operator / Technical Director / Field Producer

Animation Studio

In addition to television cartoons, where else is animation used?

When designing a Computer Generated (CG) set, what are some ways you can adjust the *atmospherics*?

Dance Motion Capture

What areas of your body are the cameras in the motion capture pod tracking?

We hope you enjoyed your visit to Sony Wonder Technology Lab!
Visit us again to continue exploring exciting ways to create, connect and collaborate.