



Robots in Action – Help Resources

---- Robots ----

- What is a Robot? 2016 (6:19): <https://youtu.be/S5miA6jXf0E>
- Google Just Put an A.I. Brain in a Robot, 2022 (11:14): <https://youtu.be/Jy3zjXK4ao4>
- A Brief History of Our Robotic Future by WIRED, 2017 (6:11): <https://youtu.be/nlrr5b1XWoY>
- The Most Realistic Humanoid Robots in The World, 2022 (10:47): https://youtu.be/QjHNFP_773k
- Creators of Famous Sophia Robot Reveal AI Robotics for Children, Elderly by Nightline (7:17) <https://youtu.be/JRHdnkUjcZg>
- Atlas Gets a Grip | Boston Dynamics 2023 (1:20): https://youtu.be/-e1_QhJ1EhQ
- Some Types of Robots: [Medical](#) 2022 (2:16) | [Companion](#), 2016 (2:06) | [Disaster Response](#), 2015 (3:10)

---- Empathy ----

- Brené Brown on Empathy, 2013 (2:53): <https://youtu.be/1Evwgu369Jw>
- Four Qualities: 1. Perspective taking - see the world as others see it, 2. Non-judgemental, 3. Recognizing emotion in others, 4. communicate the understanding of the other's feelings
- The Importance of Empathy, 2017 (3:30): <https://youtu.be/UzPMMSKfKZQ>

---- Cultura Chicha Art in Peru ----

- [Chicha Art: Ancestral Colors, Modern Designs](#) with silkscreen artist Pedro “MONKY” Rojas (4:23)
- CULTURA CHICHA , Más Que un Movimiento (Spanish), 2015 (6:08): <https://youtu.be/LvSFJg36NWE>
- Carga Máxima Art Studio in Peru: <http://cargamaxima.pe/>
- Typography, Color, and Cultura Chicha Fonts - <https://goo.gl/DDc3iR>

---- 3D Design Software ----

Tinkercad: <https://www.tinkercad.com/> **Login** with your Google Account.

[What is Tinkercad?](#) Basics, 2013 (2:51)
[Tinkercad Keyboard Shortcut](#), 2016 (4:32)
[Tinkercad Keyboard Shortcuts](#) (list)

New TinkerCAD - Rotate, Reshape, Scale, 2017 (4:51)
<https://youtu.be/GmtCqTzdxB4>

How to Group Objects in Tinkercad, 2017 (2:42)
<https://youtu.be/liWWjliIdVs?t=48>

06. New TinkerCAD - Alignment, 2017 (4:51)
<https://youtu.be/3Mik0SIL5FA>
 (line up many objects in many ways)

05. New TinkerCAD - Shape Detail, 2017 (4:39)
<https://youtu.be/jw1AXPZAhnA>
 (each shape has different properties; smooth edges for a softer or more organic look)

07. New Tinkercad - Creating Holes, 2017 (3:40)
<https://youtu.be/OGUMB0PNawE>
 (make new shapes with holes)

04. New TinkerCAD - Edit Grid, Snap Grid, 2017 (3:05)
<https://youtu.be/3VnYPsbSmeA>
 (use mm, not inches)

09. New TinkerCAD - Changing the Workplane, 2017 (2:54)
<https://youtu.be/kqbABzj3Ddc>

Tinkercad Flip Tool, 2018 (3:22)
<https://youtu.be/-2luu5A7aQI>
 (flip is called *mirror*)

14. New TinkerCAD - Hiding and Locking (3:23)
<https://youtu.be/K5GGK7LTZXQ>