**Links**

# Bridge Types: Tensile & Compressive Forces

<https://www.youtube.com/watch?v=33ZfJw8cEFY>

# Construction Technologies: Create the Strongest Bridge

<https://www.youtube.com/watch?v=1U7WgCu1giI>

# bridge types and forces

<https://www.youtube.com/watch?v=EYRYtTMcYZM>

# Science Max | Pasta Bridge | Season 1 Full Episode | Kids Science

<https://www.youtube.com/watch?v=xN0poIrm0q8>

# What Makes Bridges So Strong?

<https://www.youtube.com/watch?v=oVOnRPefcno>

Physics Bridge Builder Game

<http://www.physicsgames.net/game/Bridge_Builder.html>

Teach Engineering Curricular Unit: Bridges -7th Grade

<https://www.teachengineering.org/curricularunits/view/cub_brid_curricularunit>

Teach Engineering Lesson: Bridging the Gaps-8th Grade

<https://www.teachengineering.org/lessons/view/cub_brid_lesson01>

Physics of Building Bridges

<http://ffden-2.phys.uaf.edu/212_spring2011.web.dir/Peter_Aumau/basic-physics.html>

Physics of Bridges PPT download

[*bsa-troop8.org/Truss\_Files/Physics\_of\_Bridges.ppt*](http://bsa-troop8.org/Truss_Files/Physics_of_Bridges.ppt)

Types of bridges

<https://sites.google.com/a/wyckoffschools.org/stem-grade-8/2-types-of-bridges>

Forces That Act on Bridges

<https://www.garrettsbridges.com/design/theforces/>

Compression and Tension

<https://www.youtube.com/watch?v=N_DLcS1BVc4>