

Bridges



Frank Lloyd Wright's one of the world's most famous architects creating more than 1,000 designs and completing nearly 500 buildings in his lifetime. Among his designs is a tremendous amount of structures in his lifetime. Many people don't know that Wright also designed more than 1,000 bridges. Wright's bridges designs range in size, shape and color and were designed for continents across the world. However, many of these bridges were never built.

As a previous activity to your educational tour of Frank Lloyd Wright's architecture, assign your students to explore different bridge types designed by architects and engineers.

PART

BRIDGE TYPES

Bridges

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Once the groups have answered the exploration questions, have groups draw a design of a bridge to go over a river. Please have them measure their bridge with a ruler to see how long it is.

PART

Conclude the activity by having each group share their assigned bridge type, the bridge they researched, and their drawing of a bridge design.

Bring the researched bridge photo and group design with you to your tour at Taliesin West.

BRIDGE RESEARCH RESOURCES FOR STUDENTS

<https://unsplash.com/search/photos/bridge>

<http://www.historyofbridges.com/famous-bridges/list-of-famous-bridges/>

https://en.wikipedia.org/wiki/List_of_bridges

https://en.wikipedia.org/wiki/List_of_bridge_types

Richardson, Joy. Bridges, 1994.

Adkins, Jan. Bridges: From My Side to Yours, 2002.

Dupre, Judith. Bridges: A History of the World's Most Spe

AZ STANDARDS

Fourth Grade: G.A, E1U2

Fifth Grade: MP.1, MD.A.1

Sixth Grade: MP.4, L2U3.11

Seventh Grade: MP.4

NGSS STANDARDS

Third-Fifth Grade: ETS1-2.

Sixth-Eighth Grade: MS-ETS1-2.