



# BRIDGE

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## Arazoa aurkeztea:

Denbora ez dugu eduki, egurra ez dugu oraindik nola igotzeko modua

## Bete beharreko helburuen ikerketa:

- Ibaiaren zabalera 30 metrokoa denez, zubiak distantzia hori

James Meadow Rendel built in 1831 the first example of a bascule bridge in the Kingsbridge estuary in England. Today, it is one of the most widespread types of mobile bridges, such as the Erasmus Bridge in Rotterdam and the famous Tower Bridge in London.



## VASCULAR BRIDGES

These bridges form the logical evolution of drawbridges. Toggle bridges consist of 1 or 2 sections (usually 2) that open perpendicular to the plane of the deck, rotating around the rest of the intersection of the fixed structure, with the help of counterweights located below the platform.

(port of valence)



<https://blog.structuralia.com/puentes-moviles-tipos-y-ejemplos-parte-i>

A drawbridge is a structure that runs along a body of water, with moving parts that can be lifted, turned or rotated to pass through traffic. Lifting bridges are built so that a section of the bridge deck, the surface on which vehicles travel, can move. It is the opposite of a fixed bridge, where the bridge deck that carries the road is built in a permanent place. In the old forts, simple bridges; skirts on one side and chained were used as a defensive device. They were raised or lowered depending on who and what was trying to enter.

<https://www.arquitecturapura.com/puente-levadizo>

The world's first drawbridge was built in 1843 by London and Croydon Railway to transport their wagons to Norwood Junction Station on the Brighton Line

Emakumeak: Emily Roebling, puente de Brooklyn, Newyorken.



Emily Roebling 1843an jaio zen, Brooklyn zubia osatzeko egindako ekarpen erabakigarriagatik ezaguna da, Emily lanaren ingeniarri nagusia bihurtu zen.

1899(e)ko urriaren 8

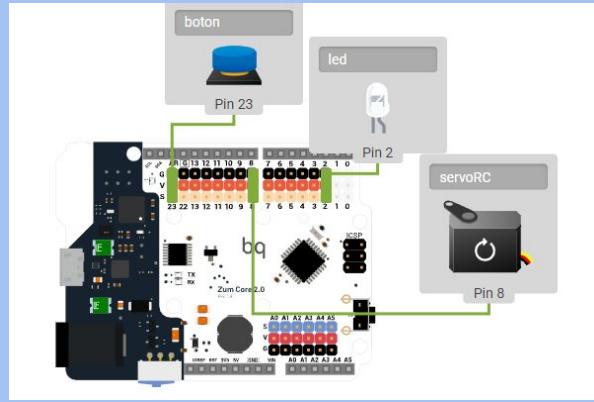


(Emily W. Roebling eta Dorothy D.  
Buchanan)

Diseinu zirriborroak:

3D diseinua:

hauek dira konponenteak:



eta hau programazioa:



Lehenengo, hartu dugu zurazko zati bat gero margotu dugu, baseak, margotu eta karratuak hasi genun egiten.

Ranpa egin eta ez genekien hainbat pixu igotzeko orduan ranpa moztu egin genuen eta estalkiaren oinarriei jarri genien, eta gero zailena zubia altxatzea