

## TO BUILD A BRIDGE

An assignment from The Work Office (TWO) that demonstrates how to build bridges over puddles.

Amanda Friedman

7/23/09

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**THE WORK OFFICE (TWO) Agreement**

## Truss Bridge

Images from top to bottom: Planning bridge, implementing bridge and Completed bridge.



Puddle Location:  
The Brooklyn Bridge  
Park pathway

Engineers/builders:  
Lindsay A. Carey, Cate  
Geiger, Adam Harris  
Levine, Maya Taylor and  
Katherine Fox.

Notes: Avoid building  
in the rain.

Date: 7/22/09



## Beam Bridge

Images from top to bottom: Planning bridge, implementing bridge and Completed bridge.



Puddle Location:  
Washington Street, across  
from the Brooklyn Bridge  
Park

Engineers/builders:

Notes:

Date: 7/23/09



## Arch Bridge

Images from top to bottom: Planning bridge, implementing bridge and Completed bridge.



Puddle Location:  
Washington Street, across  
from the Brooklyn Bridge  
Park

Engineer/builder:  
Victoria Calabro

Notes:

Date: 7/23/09



## Arch Bridge cont.

Images from top to bottom: Completed bridge, detail of another bridge



Puddle Location:  
Brooklyn Bridge Park,  
grassy spot by the  
pathway

Engineer/builder:  
Owen Glickstein

Notes:

Date: 7/23/09



Puddle Location:  
Brooklyn Bridge Park,  
rocks by the shore

Engineer/builder:  
Ipek Ulusoy

Notes: It is helpful  
while building if you  
were a ballerina as a  
child.

Date: 7/23/09

## Suspension Bridge

Images from top to bottom: Planning bridge, implementing bridge and Completed bridge.



Puddle Location:  
Washington Street, across  
from the Brooklyn Bridge  
Park

Engineer/builder:  
Shannon Legg and  
Alexandra Halky

Notes:

Date: 7/23/09



Initial Research

Building Bridges

Amanda Friedman

7/11/2009



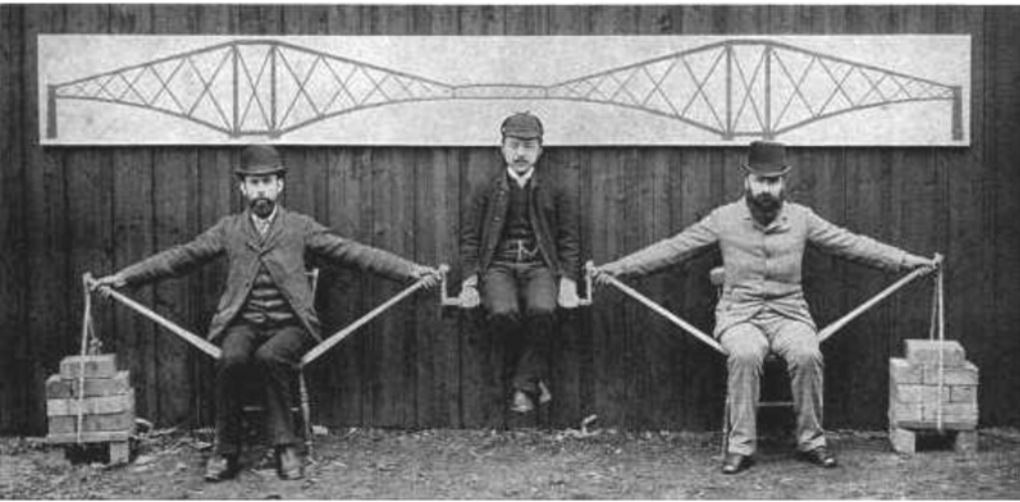


# Work Support and Initial Research

## Building Bridges

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7/11/2009



## Additional Research Material

### To Build a Bridge

NYC BRIDGES: A valuable resource when planning your bridge construction.

#### **East River, From south to north:**

Brooklyn Bridge	1883
Manhattan Bridge	1909
Williamsburg Bridge	1903
Queensboro Bridge	1909
Roosevelt Island Bridge	1955
Triborough Bridge	1936
Hell Gate Bridge	1916
Rikers Island Bridge	1966
Bronx Whitestone Bridge	1939
Throgs Neck Bridge	1961

#### **Harlem River, From south to north, east to west:**

Ward's Island Bridge	1951
Triborough Bridge	1936
Willis Avenue Bridge	1901
Third Avenue Bridge	1898
Park Avenue Bridge	1954
Madison Avenue Bridge	1910
145th Street Bridge	1905
Macombs Dam Bridge	1895
High Bridge	1848
Alexander Hamilton Bridge	1963
Washington Bridge	1888
University Heights Bridge	1908
Broadway Bridge	1962
Henry Hudson Bridge	1936
Spuyten Duyvil Bridge	

#### **Hudson River**

George Washington Bridge	1931
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#### **New York Bay**

Verrazano-Narrows Bridge	1964
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#### **Newtown Creek**

Kosciusko Bridge	1939
Pulaski Bridge	1954
J. J. Byrne Memorial Bridge	1987