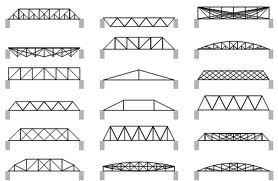
[](http://www.google.ca/imgres?q=good+bridge+designs&hl=en&sa=X&biw=1024&bih=622&tbm=isch&prmd=imvns&tbnid=k53cuaX1mO9zPM:&imgrefurl=http://nicomachus.net/2009/05/durham-freeway-bridge-set-to-be-replaced-finally/&docid=uG6KQoyppx4YmM&imgurl=http://www.nicomachus.net/images/daysmall.jpg&w=480&h=370&ei=zgyTUMuVGYj-igK7uoDoAg&zoom=1&iact=hc&vpx=283&vpy=276&dur=1635&hovh=197&hovw=256&tx=83&ty=100&sig=115679119440697707923&page=2&tbnh=150&tbnw=195&start=12&ndsp=16&ved=1t:429,i:108)**Bridges – rules to remember**

Strongest shape – a curve

Second strongest shape – an equilateral triangle

[](http://www.google.ca/imgres?q=good+bridge+designs&hl=en&sa=X&biw=1024&bih=622&tbm=isch&prmd=imvns&tbnid=6xjOrglOuMqVMM:&imgrefurl=http://rethinkperfect.wordpress.com/2012/08/05/experimental-bridges-or-the-real-thing/&docid=N9spvuEoGu_koM&imgurl=http://rethinkperfect.files.wordpress.com/2012/08/bridges2.gif%253Fw%253D640&w=415&h=271&ei=zgyTUMuVGYj-igK7uoDoAg&zoom=1&iact=hc&vpx=115&vpy=69&dur=613&hovh=181&hovw=278&tx=128&ty=115&sig=115679119440697707923&page=1&tbnh=147&tbnw=232&start=0&ndsp=12&ved=1t:429,i:69)So support any curve with triangles

Simple is better

Your bridge is only a strong as its weakest point

**Prototypes**

Start to a build a section – so you can decide on glue type, size and shape.

Bring the section or a picture (of that section) to the meeting at lunch in W205 on Thursday, November 8th

Work habits are related to these steps getting done. – no sketch, or prototype – no “G”