



First Lego League Curriculum - Ontario

Questions	
Question 1 Science	Did the actual forces on the bridge align with your predictions?
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Question 2 Science	Which force was your bridges weakest link? Torsion, Shear, Compression, or Tension? (Another way to think of it would be, if your bridge were to fail, which force would be the most responsible).
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Question 3 Science	What aspects of your design worked well? What didn't work well?
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Question 4 Science	What were some of the great features of the most effective design? Why did they work so well?
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Question 5 Coding	What coding challenges did you have to overcome to make sure the robot could cross the bridge consistently?
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Question 6 Science	If your robot was off center going over the bridge, what internal force starts to become much more important?
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