



First Lego League Curriculum - Ontario

Questions	
Question 1 Science	Imagine you had a mixture of thousands of small beads that were exactly the same except for their colour. Which separating methods would not work? Explain.
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Question 2 Robotics	Referring to the example in question one, can you think of a way a robot could assist in this difficult task?
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Question 3 Math	Now imagine a mixture of beads where half of them are slightly larger than the others. What options of sorting are available to us now?
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Question 4 Science	What separating method would you use to remove dirt from water?
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Question 5 Robotics	Other than colour, what aspects of an object can an EV3 robot detect (using any of its sensors).
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