

Name: _____

IB Science Fair

We are narrowing the focus of our science fair this year (slightly) to include only topics that we have encountered during our transdisciplinary explorations this year. These were directly related to either our Central Ideas or key concepts during each unit of inquiry. Please think of a question from one of these areas.

Topics	What kinds of questions might I have?	My idea for a question #1:	My idea of a question #2:
Force and Motion -magnetism -gravity -friction -momentum	What rocks are magnetic? Could I increase the friction on a ramp until a ball won't be able to roll down it?		
Properties of matter (weight, dimensions, density, etc)	What are the differences in the density of household liquids? Which materials create the most effective parachute?		
Mixtures and solutions -separating a mixture -separating a solution	What is the most effective way to separate a mixture of X, Y, and Z?		
Weather - water cycle - weather patterns - clouds - global warming	How does global warming affect plant growth? Does melting polar ice affect sea levels?		
Light - reflection - refraction - color	How far can a beam of light be reflected? Is there a difference between classroom light, lamp light, and sunlight when viewed through a prism?		

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