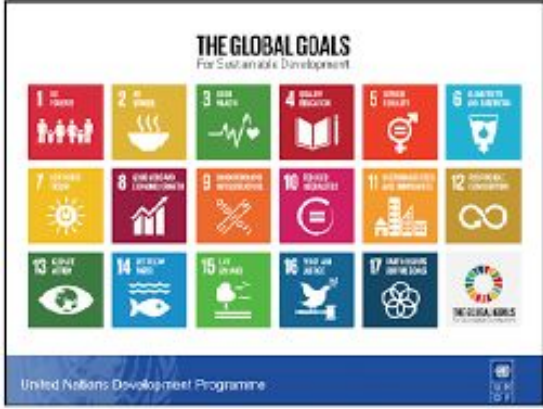


The students at STEM Magnet Lab School are working hard on their PBLs (Problem Based Learning units). Many of them will be presenting in the next several weeks. We are looking for wide variety of experts willing to listen to student ideas and give authentic and supportive feedback. If one of the descriptions below fits your niche, please contact Tracey Calderon, tracey.calderon@adams12.org, 720-972-3353. The opportunities are listed in chronological order.

Date	Grade	Topic	Description	Experts needed
2/25/16	6th	Weather/El Niño	Students are examining how El Niño changes typical weather patterns in various parts of the country. They are charged with helping certain geographic areas prepare for some of the more severe events for which that region is unaccustomed.	Weather Emergency response City/County planning Transportation Website design
2/26/16	3rd	Magnet Inventions	Students have been studying magnets and electricity. Their problem is to invent an item using magnets that solves an everyday problem or makes daily life easier in some way. These students will be giving elevator pitches, shark tank style.	Engineers Tinkerers Entrepreneurs Marketing specialists Financial specialists
2/29/16	7th	Bio Mimicry	Students have been studying how organisms deal with everyday environmental problems such as heating, cooling, absorbing or repelling water. These students must design a shelter for tourists in one of several assigned National parks. The shelter must utilize green technologies that are patterned after how natural organisms in the environment deal with the same challenge.	Bio Mimicry specialists Engineers Environmentalists Biologists Building contractors Financial Specialists
3/8/16	7th & 8th	Text book/Resource adoption	A very real problem every school district faces on a regular schedule is purchasing resources for thousands of students. Students must answer a request for proposals addressing the question of how to allocate funds in order to address the advanced rigor of standards and best meet student needs. Specifically, should funds be spent on traditional library books/textbooks or e-books/tablets and other forms of technology?	Brain Researcher Environmentalists Paper and electronic recycling specialists Accountants Teachers Executive educators
3/28/16	Kinder	Animals	Students have partnered with the Wild Animal Sanctuary to educate the public	Biologists Zoologists

			about why wild animals are not good pets. Students will be writing books and presenting their books to experts for feedback.	Early childhood specialists
5/12/16	1st	Animal Habitats	Students will be developing new exhibits for the zoo that consider what the animal needs as well as how to create a fun experience for the visitor.	Zoologists Building contractors Biologists Zoo Visitors
5/23/16	8th	Create your own PBL	<p>The 8th grade students have engaged in problem based learning for the majority of their educational experience. Before they move on to high school, these students will identify a problem of their choosing under the umbrella of the UN Global Goals. They will design how they will research existing solutions and attempted solutions, and then their own ideas to address the problem.</p> 	Engineers Scientists from all disciplines Manufacturers Building contractors Financial specialists Entrepreneurs Medical personnel Community action