1Community, Engineering and Core Curriculum Essential Question: what are problems in the community that can be solved by skills you are learning in the classroom? **Unpacking the Standards:** How would the Bicycle Airbag Helmet be considered a Service-Learning Project? How would this helmet serve the community? _____ Who in particular would it serve in your community and why? _____ What Scientific Principles would you need to know to be able to test this product?

Constraints of the Bicycle Airbag Heimet
Do you see any potential issues with the Airbag Helmet?
Cost
-
Safety
Reliability
Aesthetic appeal
Albert and moneticing that atill monet to be appropriated
What are questions that still need to be answered?
What Academic skills and disciplines would you need to master to be
able to test and develop this project?
Are there any Social, Cultural or Environmental issues associated with
his project? Explain

Limitless Imagination!

What are some of the Engineering projects and or products that you see in your community that demonstrate "Limitless Imagination"?
How could this engineering design be a Service-Learning Project?
What core curriculum would you use to be able to complete the project?
What examples did you see from other members of your class that you thought were exceptional?

Sketch your example of an engineering design that improves the lives in your community.

