The African Solution

1. Create a folder under your Geography folder called “African Solution.”

2. Identify a country in Africa you want to study:
   a. Once you identify the country, study it while thinking about what is one of its significant problems facing that country. It doesn’t need to be its biggest problem, but a problem that effects the country and many of its people.
   b. Think about different ways you could help solve that problem
   c. Create a group or not. You can work by yourself or find a partner or two partners. Groups can be no larger than 3 students.

2. Identify and describe an African problem:
   a. Disease
      i. HIV
      ii. Malaria
      iii. Dysentery
      iv. Ebola virus
   b. Health care
      i. Lack of doctors and health care providers
      ii. Lack of hospitals and clinics
      iii. Lack of medicine and effective ways to dispense it.
   c. Infrastructure
      i. Sanitation (clean water)
      ii. Roads
      iii. Communication
   d. Economy and industries
      i. Exploitation of natural resources by multi-nationals
      ii. Child labor - exploitation of children
      iii. Under-employment – paying sub-par wages
      iv. Education
   e. Tribalism, nationalism, politics, conflict and corruption
      i. Tribalism and politics
      ii. Tribalism and conflict
      iii. Genocides in Africa
      iv. Refugees and spill over from conflict in other countries.

3. Research and fully describe the problem.
   a. Start creating an outline of your problem.
   b. This can be a regular outline or it can be a Lucidchart type webbing.

4. Identify and describe who you are:
   a. A scientist for the CDC
      i. What does the CDC do?
      ii. What do they do in Africa?
   b. A scientist or engineer working for a large non-profit.
      i. Non-profit has lots of money, including access to the Bill and Melinda Gates Foundation
      ii. You can leverage multi-national corporations and you have the support of Warren Buffett
   c. You are an officer and valued member of the United Nations, the World Trade Organization, and The World Bank, and The World Environmental Organization
5. Identify and describe your solution to the African problem:
   a. Is it sustainable?
      i. What are motivating people? What would motivate them to change?
      ii. Can your solution build or grow? Does it lead to an impact on the solving the problem? (It doesn’t need to start off big, but it should have the potential of growing if it is successful and sustainable.)
   b. Can it be implemented in the environment where it is supposed to work?
      i. Cell phones need batteries. Batteries need to be charged. Chargers need electricity.
      ii. Mechanical things break…. do you have a way to deal with that?

   a. You and your group are creating two things:
      i. A presentation using Google Slides It should be prepared by all members of the group, but only presented by one or two members.
         1. Minimum of 10 slides or 5 minutes, which ever is longer.
         2. Mark each slide with the name of the group member that prepared the slide(s).
      ii. Prepare a white paper. A white paper is an authoritative report helping readers to understand a problem, describes a sustainable solution to the problem that leads to a decision. (The decision could be to fund the project that will lead to a sustainable solution.)
         1. Your white paper should be 1 or 2 pages in length
         2. Create in Google Drive and Share with Mr. Emmons
   b. Your grade will be based on the following:
      i. Research information I see in your shared Google doc (20%)
      ii. Your peer evaluations (20%)
      iii. Quality of the slides. (20%)
      iv. Quality of actual presentation (20%)
      v. Quality of white paper (20%)