**Summer MYA Project- A Long Walk to Water**

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| **Math/Science - Options (Choose 1)** | **ELA -**  **Options (Choose 1)** | **Social Studies - Options (Choose 1)** |
| Track rainfall during the months of summer break and create a visual representation of your data in bar graph, line graph, or scatterplot form. Calculate the median, mode and median of your data. | Create journal entries for Nya and Salva that illustrate how they are thinking and feeling during their childhoods. (Minimum of 10 journal entries for each) | Create a map of the area where the events of the book occurred. Show the path of Salva's journey during the course of this story. |
| Track water usage in your own home - keeping track of toilet flushes, minutes of shower use, and dishwashing usage for one full week. Use the Water Footprint resource provided to ascertain how many gallons of water is used in a week in your household. What are the largest uses of water? Can any of these be reduced? How? | The story covers a long span of time and  takes place in different places.  For this option, draw a timeline of Nya and  Salva’s stories that shows the events in the  plot and label where the different events take  place. | Research the conflict in Sudan & Create an illustrated timeline of the historical events in Sudan from 1955 as they achieved independence to 2011 when the civil war ended. |
| Create a diagram of a well, showing how it works in cross section. Include explanations for each part of the process of drilling and installing the well. What is the cost of installing a well in a village in Sudan? How does Salva Dut raise the money to continue to do this work? | Salva and Nya’s stories are told side by side.  This helps communicate the story’s message  of hope and strength.  For this option, you’ll create a colorful  compare/contrast mini­-poster (or a large  poster, if you can bring one in) that shows  how Salva and Nya are similar. | Research the refugee camps in Ethiopia and Kenya OR current refugee camps around the world today, in countries like Syria or Jordan. Write an expository essay about your research and findings *or* create an informational poster. |

One choice from each column is due on Friday, September 6th. All three will count as first quarter grades.

Contact MYA teachers with any questions.

Link to read aloud of Long Walk to Water:

<https://www.youtube.com/watch?v=_DrEq4Ovx7U>

Research Sites

Water for Sudan (website currently hard to navigate!): <https://www.waterforsouthsudan.org/>

The Water Project’s page on Sudan <https://thewaterproject.org/water-crisis/water-in-crisis-sudan>

UNICEF’s page on South Sudan: <https://www.unicef.org/southsudan/>

UNICEF’s page on refugee situations: <https://www.unicef.org/children-uprooted>

United Nations in South Sudan: <http://ss.one.un.org/index.html>

BBC’s profile on South Sudan: <https://www.bbc.com/news/world-africa-14069082>

Chatham House’s page on refugee situations: [https://www.chathamhouse.org/research/topics/refugees-migration#](https://www.chathamhouse.org/research/topics/refugees-migration)

Mrs. Perkowski’s Very Extensive List of Research Databases: <https://www.chathamhouse.org/research/topics/refugees-migration#https://sites.google.com/a/pjschools.org/pjmslibrary/home/databases>

Water Footprint Calculator

<https://www.watercalculator.org/water-use/indoor-water-use-at-home/>

US Climate Data

<https://www.usclimatedata.com/climate/philadelphia/pennsylvania/united-states/uspa1276>