



Thanks

For the many people that donated time, money and energy to the twenty students of Sankofa Shule that traveled to KMT in November 1999, we express our deepest thanks and appreciation. You have greatly enriched the lives of the children by providing an experience that will never be forgotten.

Attached are their assignments for each of their core courses. The trip was an educational experience of a lifetime.

KMT Timeline : BCE—Before the Common Era

3200-2181	2130-1786	1560-1295	750-765	500	300
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Language Arts

A persuasive essay has the following characteristics:

1. It states an opinion about a particular subject.
2. It aims to persuade the reader to accept an opinion.
3. The opinion may be divided into several main ideas.
4. The opinion is supported by facts or examples.
5. The essay uses persuasive techniques.

Use the above points to help you write a four-page persuasive essay using facts about Egypt to persuade your audience about one of the following:

- That the original people of KMT were black
- That mathematics has its origins in KMT
- That the first astronomers were Kemetic
- That the Olympics has its origins in KMT
- That the people of KMT were the first architects
- That Christianity and other religions have foundations from KMT
- That the Greeks used architectural designs from KMT

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Explorations in Science On Location in Egypt

Africa is the cradle of civilization. It is also the birth place of medicine, mining, agriculture, as well as architecture. Select one topic from above to conduct research for a science report. The information or research that collected should include:

1. The title of the topic selected
2. The structures, exhibits or practices researched.
3. The people responsible for that particular development.
4. Detailed explanation of how it relates to science.
5. The purpose for the creation of the structure, exhibit or practices researched.

What would you have done differently in creating the same thing that you researched.

How can you relate the importance of the information to the Nguzo Saba.

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Social Studies Favorite Monument

The Social Studies Project is as follows:

1. Choose a partner
2. Identify two monuments that impress you the most.
3. Provide a picture of your two favorite monuments.
4. Type a one-page paper for each monument. Explain its history and relevance and why you selected it.
5. You, along with your partner, combine your pictures and essays and create some form of creative display to present to the school.

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The analysis and mathematical modeling of the Great Pyramid indicates that the ancient Egyptians had a knowledge of geometry and mathematics which few historians and archaeologists will give them credit. The evidence is strong that they knew of and used quadratic equations and the quadratic formula...they most certainly had a system of logarithms, used combinations of integers with an irrational number and used an infinite geometrical progression having many unique properties.

*Elmer D. Robinson
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1. If the temperature (in Celsius) is the following in Egypt, what will that convert to in Fahrenheit?
 - a. 63°
 - b. 16°
 - c. 34°
 - d. 42°
2. What is the population of the continent of Africa based on the last census report?
3. What's the population for the country of Egypt?
4. What's the population for the city of Cairo?
5. The population of Egypt makes up what percentage of the continent of Africa?
6. The population of Cairo makes up what percentage of the country of Egypt?
7. What's the land area of Egypt?
8. What percentage of the country of Egypt is Muslim?
9. That's (#8) about how many people?
10. What's the currency used in Egypt?



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11. Presently what's the exchange rate?

12. Convert the following dollar values to the Egyptian currency.

- a. \$89 b. \$7,152 c. \$900

13. Convert the following Egyptian currencies to dollars.

- a. 5,784 b. 483 c. 900

14. What's the time in Egypt if:

- a. It's 10:00 am in California?
b. It's 10:00 am in Chicago?
c. It's 10:00 am in Lansing?
d. It's 10:00 am in Tucson, AZ?



15. Egypt falls in what time zone?

16. When a pilot says we're about 3.03 km above ground level, what's the conversion to miles?

17. Convert 25 miles to kilometers.

18. Originally the Ancient Egyptians used the lunar calendar where a month is precisely 29 days, 12 hours, 44 minutes and 2.7 seconds. Convert this to seconds.

19. Eventually the solar calendar was used by the astronomers of KMT, where a year is determined by the time it takes the Earth to make one complete revolution around the sun which is a period of exactly 365 days, 5 hours, 48 minutes and 46 seconds. Multiply this by 4.

20. The year was divided into three seasons called the inundation, the cultivation and the harvest. Divide the figure from 19 into these three seasons.

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21. The Step Pyramid built around 2630 BCE rises to a height of 197 ft in six box-like steps. Approximate the average height of each step.
22. How long ago was the step pyramid built?
23. The enclosure wall at the Saqqara complex was originally 1,800 ft long, 900 ft wide, and 30 ft high. Calculate the volume.
24. The Great Pyramid was encased in 22 acres of 100 inch thick limestone. If Sankofa covers about 2.8 acres, how many Sankofas can be covered with this limestone?
25. The Great Pyramid of Giza rises to a height of 481 feet in 201 stair stepped tiers. What's the average height of each tier?
26. The Pyramid's base perimeter is 3,023 ft. What's the average length of each side of the base?
27. From #26 what's the approximate area?
28. If you drop a perpendicular bisector from the apex of the Pyramid to its base, you will form triangles in space. Find the length of the hypotenuse (edge of pyramid) from the triangles formed.
29. Find the four trigonometric functions for the triangles formed above.

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