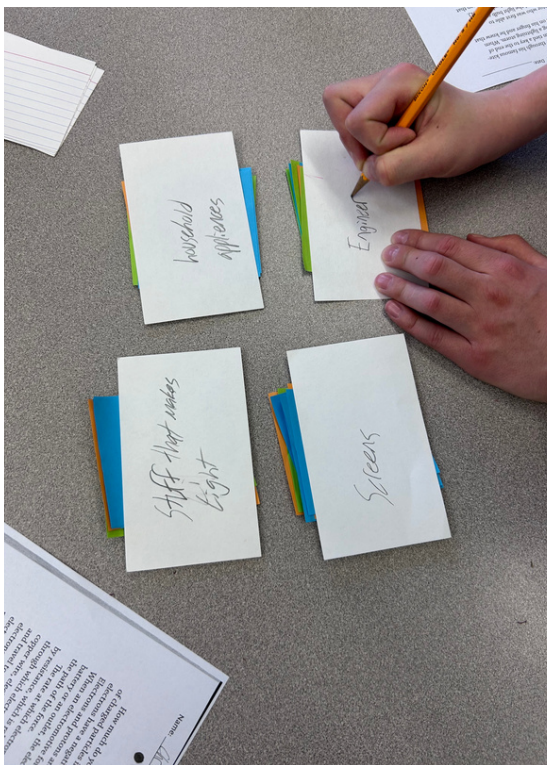


# GLEBE ADVANCED ACADEMICS & TALENT DEVELOPMENT NEWS



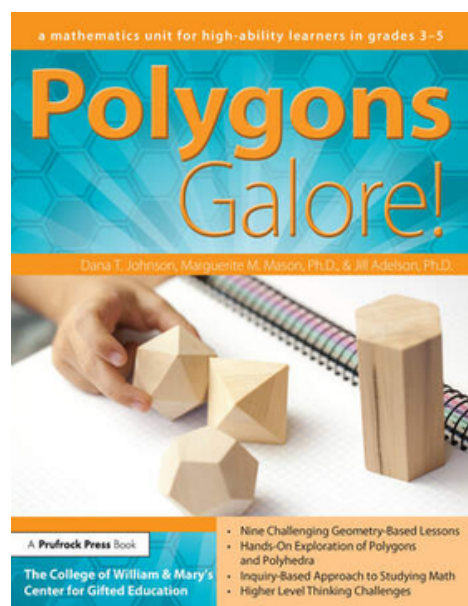
## 5TH GRADE SCIENCE CCT HIGHLIGHT TABA CONCEPT DEVELOPMENT

The Taba Model of Concept Development focuses on the creation of generalizations from a student-derived list of created concepts. The important principle underlying this model is that understandings are built, not acquired. 5th graders participated in a Taba lesson prior to their electrical energy unit in science. First, students brainstormed examples of things that use electricity. Then, they categorized their examples two different times. After putting examples into categories, they brainstormed “non-examples”. The next step was to create generalizations that are true about electrical energy, based on their examples, categories and non-examples. Some of the generalizations created were:

- i. Electricity has positive and negative impacts.
- ii. Electricity has increased efficiency.

## 3RD GRADE MATH RESOURCE POLYGONS GALORE

3rd graders explored quadrilaterals through a hands on exploration with the William and Mary math unit, Polygons Galore. Throughout these lessons, students grouped different quadrilaterals together based on commonalities. They were introduced to terms, such as adjacent sides/angles, vertical diagonals, and congruent. Finally, students had to apply these new words to a “scavenger hunt” where they searched for quadrilaterals with specific features and figured out their most specific label. They concluded this activity with a discussion about whether all squares are rectangles and all rectangles are squares.



## 5TH GRADE ELA/SOCIAL STUDIES CURRICULUM SPOTLIGHT: DBQ

This month, fifth graders tackled the question: "Education in Sparta: Did the Strengths Outweigh the Weaknesses?" In this Micro-Q, students began with a hook exercise to identify their values by simulating a school system's budget constraints and deciding which programs to cut. After learning some background information about Sparta, students analyzed 5 documents to form arguments for both sides of the question. After debating their chosen stance using evidence from the documents, they concluded the unit by writing essays supporting their opinions. This inquiry-based unit sharpened critical thinking and persuasive skills while deepening historical understanding.

## 4TH GRADE MATH PROJECT M3: IN SEARCH OF THE YETI

In this unit on measurement, students were actively engaged in the measurement process and connected it to their own personal worlds. First, students practiced taking precise metric length measurements. Students then went ‘In Search of the Yeti’ as they used proportional reasoning to take body measurements and double them to create a life sized Yeti. Groups were assigned a specific body part to measure and create. At the end, the Yetis were assembled together. Fourth graders enjoyed adding their own flair and engaging in conversations about the importance of taking accurate measurements.



## 2ND GRADE ELA CCT SPOTLIGHT ON VISUALIZING POETRY

2nd graders took a break from CKLA this month for an opportunity to read and analyze different forms of poetry for National Poetry Month. Ms. Beg and Ms. Moustafa led their classes through a meaningful exercise, which combined the creative thinking strategy “visualization” and the cooperative learning strategy “chalk talk”. Students read lines of a poem and used words and pictures to illustrate their their minds’ visualizations. Sequencing the lines at the end, students created visual representations of of the poem to sharpen their understanding of its meaning.

