



Where is GATE taking us?

November GATE Standards

GS1 Students will develop critical thinking skills unique to several disciplines in both cognitive and affective areas.

GS5 Students will develop leadership and interpersonal communication skills necessary for positive peer relationships and social interactions.

GS6 Students will develop independence, self-direction, and leadership skills necessary for contributing to a diverse and global society.

Curriculum

This month, your student(s) will be starting their second quarter GATE unit: **Vari-able to Relate!** We are excited to be back after a two-week hiatus for district GATE testing. This unit will expand their inquiry thinking skills while developing their mathematical skills in fun lessons each week.

Your student(s) will be utilizing the GATE strategy of Traffic Light Thinking, which is also an inquiry-based strategy. A red traffic light signals the students to think about facts. What do they know? The yellow traffic light asks the students to think about what they can infer, based on the facts. The green traffic light will challenge students to think about what they wonder or what they can create based on their previous thinking.

Our lessons will have a different subject each week starting with, *Paper Airplanes!* We will move onto *Story Graphs*, *Coordinate Planes*, *Origami Frogs*, *Spaghetti Bridges*, and finally *Data Analysis*.

In November, some questions you might like to ask your student(s) include:

- How did changing one variable on your paper airplane affect its flight? (Week 1)
- How did you graph a story? (Week 2)
- Tell me about the results of your scatter plot. (Week 3)

G.A.T.E. Strategy

Traffic Light Thinking



Red: What do you know? What are the facts?

Yellow: What do you think? What can you infer?

Green: What do you wonder? What can you create?



Wish List:

We need some supplies for upcoming lessons:



- Kleenex
- Clorox wipes
- Sports bottle tops

Kaplan's Depth and Complexity

A framework created by Bette Gould and Sandra Kaplan that utilizes icons to represent a different lens to prompt students to look at a topic in a new way to gain a deeper understanding. This quarter for **Vari-Able to Relate!** We will use:



How can we show a visual relationship between two quantitative variables?

How can relationships change over time?



What are the parts of a coordinate plane?
What is the purpose of a coordinate plane?

How can trends in data help us make inferences and informed decisions?



Contact Info

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Monthly newsletters will be emailed every month and also posted to the GATE Blog.

BLOG: <https://tusd1gate.wixsite.com/blog>

FACEBOOK PAGE

www.facebook.com/tusd1gate



GATE Program Office News:

If you have further questions about the GATE pull-out program, please contact us at GATEProgram@tusd1.org or call (520)225-3605.

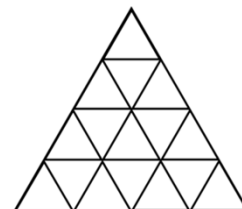
GATE Testing Make Up Dates:

Saturday, November 19, 2022

Saturday, December 3, 2022

To register for make-up testing, please visit: www.bit.ly/GATEMAKEUP2223

BRAIN CHALLENGE



How many triangles can you find?