

Copper Hills GATE [20-21]

October 12, 2020

Dear GATE Parents:

I am delighted to be a part of the GATE program on the Copper Hills Elementary campus this year. Some of you may already know who I am as I used to teach grades 2, 3, and 4 on the Copper Hills campus. I now serve as the Instructional Technology Coach for the five Clovis North Area elementary schools.

Attached, you will find the calendar for our sessions this year. Our focus will be 3D printing. I am only on the Copper Hills campus one day per week. And there are calendar details that pull me away sometimes where I may be off campus for the entire week. The focus of our projects this year will be serving our Special Education community with science-rich builds. In order to complete the expectations of our grant, I need to complete this task. I cannot promise that extra projects will get built. Each print takes 2 hours. Again, I am only on site one day per week.

We will learn about bed adhesion, extruder, temperature, overhang, design modeling, software, and the engineering design process with our MakerBot Replicator +. Copper Hills received a \$2,000 grant from the Toshiba Foundation for America, so we have plenty of filament this school year.

If your child falls behind, please email me. It is essential that I know who is falling behind. This class is optional, so no grades are given. And, I won't require Zoom attendance, but I will make a note of weekly participation (for data collection).

Parents, sign up for Remind text messages, please.

parents: send @cgate20 to 81010.

Plug the attached dates into your calendar, please.
Be sure to remind your child to attend class.

The children can join my Google Classroom. That is where all essential learning will take place. See code at right. [HOW TO JOIN A CLASSROOM](#) (video link).

More on next page...



Your child is *not obligated* to participate in GATE. Please let us know if you wish to decline participation this year. **Participants are only students who were approved last year (at this point). New students will be evaluated when we return to campus.**

Thank you so much!

Sincerely,
Melissa Culver

GENERAL CLASSROOM QUESTIONS

How will attendance be taken each week?

If the child engages in our class, that is weekly participation. I don't have a test or a quiz that they need to complete.

- a) Google Form
- b) EdPuzzle – video learning space that lets me check progress/understanding
- c) Comments in Google Classroom
- d) Assignment in Google Classroom – Response Question
- e) Attendance in Zoom

Depending on the week, I will ask the children to use one of these tools to show me that they were engaged in our learning environment.

What if my child misses a Zoom session?

If you miss our Zoom sessions, that is fine. Details will get posted in Google Classroom. Work is all video based. Children can do these lessons at their own pace.

I plan to post one lesson for each of the dates on the calendar (next page). Any one lesson may have more than one link or task, but it will be one lesson. Children can utilize their own creativity and explore more complex ideas with the 3D software on their own. For sure. But, I will have strategic lessons that are sequential. I do have learning goals that I want us to reach.

Why have a Zoom if you are using video lessons?

The Zoom sessions are optional. I respect that your child may have piano or dance or ballet at that time. I will try to record or post any essential bits in our Google Classroom space. Video content allows students the freedom to pause, rewind, and re-watch content as much as they need to ensure learning/comprehension. Some of our classroom experience will be community building. I want to see their faces and hear their voices. Additionally, I will connect with the children to share details about our machine and I will let them watch live prints.

- a) What is the print bed?
- b) What is adhesion?
- c) What angles are best for a 3D printer?
- d) What might cause a print to fail?
- e) What is the best angle for a print?

My child was in GATE last year. Will you repeat some of what they learned last year?

Our first few sessions are a repeat of last year. There has been nearly an 8-month learning gap. I do not expect the children to remember all the details.

What if we have questions?

Sometimes our Zoom sessions will be Q&A based. Sometimes they may include updates or adjustments as needed. I will keep all details in the Google Classroom space. Be sure to check in there to stay in the know about dates and details. I am available via email. You may contact me there as needed. Expect a response within 24 hours.

My child forgot their login information for Tinkercad.

If students forgot their login information for Tinkercad, I will share that information with them via private comment in our Google Classroom space.

See calendar on the next page.

GATE Calendar

Copper Hills Elementary 2020-2021

Mrs. Melissa Culver

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MONTH	DATE	TIME	LOCATION
<p>Please note that dates/times are subject to change as the district adjusts calendars that impact me. Expect a new lesson on these dates. And, I should be available for Zoom at these times.</p>			
November	November 4, 2020 November 18, 2020	2:00 – 2:45	Zoom
December	December 9, 2020	2:00 – 2:45	Zoom
January	Wednesday, January 6, 2020 Wednesday, January 20, 2020	2:00 – 2:45	Zoom
February	Wednesday, February 3, 2020 Wednesday, February 17, 2020	2:00 – 2:45	Zoom
March	Wednesday, March 3, 2020 Wednesday, March 17, 2020	2:00 – 2:45	Zoom
April	Wednesday, April 7, 2020 Wednesday, April 21, 2020	2:00 – 2:45	Zoom
May	Wednesday, May 25, 2020 Parent Showcase – Open House	6:00 – 7:00	Tech Lab (Tentatively)