



| Content Area & Materials   | Learning Objectives   | Tasks   | Check-in Opportunities   | Submission of Work for Grades   |   |
|--|---|---|--|---|---|
| <p><b>8<sup>th</sup> Grade Math</b></p> <p><b>PAPER PACKET and ONLINE are the same!</b> Choose one or more activities on the attached choice sheet.</p>  | <p><b>Essential Questions:</b></p> <ul style="list-style-type: none"><li>• What are you thankful for this week?</li><li>• What are you going to work towards next year?</li><li>• How can math be found in art?</li></ul> <p><b>Students will know...</b></p> <ul style="list-style-type: none"><li>• That their teachers care about their continuing education and are heartbroken to not see them in person at the end of this school year.</li><li>• That making goals about their future will help keep them on track for a successful high school career.</li><li>• Math can make art realistic and beautiful.</li></ul> | <p><b>PAPER PACKET and ONLINE are the same:</b> Choose one or more activities on the attached choice sheet.</p> | <p>Mrs. Wood is available during office hours at the times below by:</p> <ul style="list-style-type: none"><li>• Meeting on Microsoft Teams or Zoom. Access by Teams: logging in with student email and password to Office 365 at <a href="https://www.tracy.k12.ca.us/students">https://www.tracy.k12.ca.us/students</a><br/>Zoom: clicking the link that is emailed out prior to the meeting.</li><li>• by email (<a href="mailto:cwood@tusd.net">cwood@tusd.net</a>)</li><li>• call/text (209-597-8652)</li></ul> <p><b>Email or call/text will get a response within 24 hours.</b></p> | <p><b>No assignments will be submitted this week.</b></p> <p>However, I would love to see pictures of your sign, baking project, sewing or knitting project, or art. <b>Please send me pictures!</b></p> <p>Next stop: High school! Please come back to Williams to visit next year!</p>  |   |
| <p><b>Scheduled, if possible, Shared Experience</b></p>  | <p>Teams/Zoom meetings and phone calls can facilitate meaningful discussions.</p>   |   |  |   |   |
| <p><b>Teacher Office Hours:</b><br/>Available by Teams/Zoom, email, and call/text</p>  | <p><b>Monday</b><br/><b>11:30am–12:30pm</b></p>   | <p><b>Tuesday</b><br/><b>10–11am</b></p>  | <p><b>Wednesday</b><br/><b>11:30am–12:30pm</b></p>   | <p><b>Thursday</b><br/><b>10–11am</b></p>   | <p><b>Friday</b><br/><b>11:30am–12:30pm</b></p> |

## **Week 5 Choices**

Directions: Choose 1 or more activities.

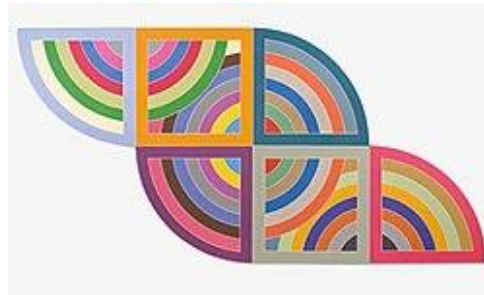
You will not turn in these assignments, but I would love to see what you do!

Please send pictures!

1. Create a yard sign announcing to the neighborhood that you are a promoting 8<sup>th</sup> grader and will be a high school student next year. Include on your sign: Williams Middle School, promoting year of 2020, your name (if that is approved by your parents/guardians), and the school mascot (wildcat). Make it colorful, big (so people can read it from the street), and neat. Text or email me a picture! I would love to see them, to celebrate with you.
2. Write a letter (or email) to a parent/relative/sibling, a teacher, a coach, a friend, or anyone who is important to you. Include in the letter how much you learned this year from that person, thank them for their help or just being there, and explain what you are going to do next year to achieve your goals. This is the perfect time to write someone. You could really make someone's day special.
3. Make something to celebrate your promotion. You can bake a cake, decorate a sign, sew or knit something, help in the garden, do anything creative to celebrate. Text or email me a picture of the final product.
4. A Math Art project! Look at the suggestions on the next page. Please email any artwork to my email or text me a picture so I can see your creative work.

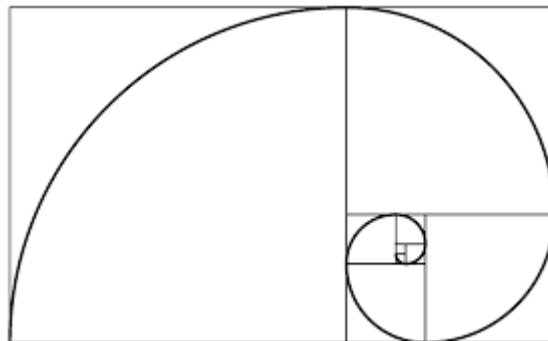
### **Frank Stella Protractor art:**

- Not only is Frank Stella still alive but he is one of Ms. Bacchetti's favorite artists.
- He was born May 12, 1936, in Malden, Massachusetts.
- He is an American painter, sculptor and printmaker, noted for his work in minimalism and abstraction. He lives and works in New York City.
- Research online to see some of his art; I will include a couple here.



### **Golden Ratio:**

- The Golden Ratio exists when a line is divided into two parts and the longer part (a) divided by the smaller part (b) is equal to the sum of a + b divided by a, which both equal 1.618
- You can YouTube Donald in Mathmagic Land, it is a good explanation of the Golden Ratio and how it appears in nature, music, and games.
- Find something in nature that is an example of the Golden Ratio (flowers, pinecones, be creative) and create your own artwork as an example of this ratio.
- Be creative or take a picture
- Use any form of materials you may have in the house.
- Send me a picture of any artwork or photographs when finished.



### **Research “Math Art” and see what you can find!**

- There are many more ideas out there. Or come up with your own idea!