

Science

- Want to know more about solar and lunar eclipses? Next eclipse visible in North America is July 4, 2020. More info [here](#).
- Can you extract DNA from a strawberry? Do it yourself lab. Try lab [here!](#)
- Kinetic and gravitational potential energy transformations. Click in the toolkit for the energy skatepark lab. Try lab [here!](#)
- 3M Young Scientist Lab Student Activities. Brain boggling experiments you can do at home. Try experiments [here!](#)
- Are you ready to launch weather balloons, save researchers in a winter storm, test a structure against hurricane forces, and design an aircraft to fight a forest fire?
Try this extreme weather game [here!](#)
- Do you like nature? Want to ID the trees in your background? Go outside and collect leaves from several trees. Use this [link](#) to identify the types of trees
- Do you want to build a Rube Goldberg machine? Make a simple task more exciting with objects from around the house.
Watch demo [video](#) Try [here!](#)

Summer

Learning

Welcome to two
weeks of summer
learning!

Jaguar Challenge

Complete 10 Activities. ONE
from each subject. Tag TCS on
Facebook to show your learning.

You could win a Jaguar Pass!



Follow TCS

Jaguar Challenge!

Ready, Set, Go!!

Enrichment

Complete 10 Activities. ONE from each subject. Tag TCS on Facebook to show your learning.

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- Interview an Essential Worker: Select an Essential Worker; for example (Nurse, Dentist, Manufacture Worker, Custodian, Food Service, Postal Worker, Policemen, Housekeeper, Nutritionist, Physician or a First Responder)
 - Make a list of interview questions that you would like to know the answers to. Example: Are you required to wear PPE? Why did you choose your occupation? How do you social distance at work? What do you love most about your job? Have you experienced fear or anxiety during the Covid-19 pandemic? Has your perspective changed about your job since the Covid-19 pandemic?
 - Time Duration of Interview 10 to 15 minutes
 - Your interview can be a digital recording or a written document
 - Post your interview documentation or recording to TCS Middle School page or email it to ahawkins@taliaferrok12.ga.us
- What's Your New Hobby: Using Pinterest, YouTube or any other age-appropriate web sharing or social media service find a hobby or an activity that you have never done before and TRY IT!
 - Examples include but are not limited to: Create a candle, Gardening, Arts & Crafts, try a new recipe, or learn how to Tie Dye,
 - Be sure to submit via email or TCS Middle School Facebook page a small video clip of your new hobby and completed creation.

Enrichment

If 10 or more students complete 4 of the music activities, Ms. Dukes will complete a tik-tok challenge video of your choice.



Follow TCS

- Music Interviews: Interview family members about their musical backgrounds and interests. What is their favorite song right now and why? What instruments do they play? What does music mean to them? Who are their favorite artists? Students record the responses. Also, tell us about your musical background!
- Instrument Invention: Invent a new instrument. You can draw a picture of it and describe how it is played, how it's constructed, and what it sounds like, or you can create one out of recycled materials. You can email me or submit the assignment in Microsoft Teams if accessible. You may take a picture and submit it in Teams as well.
- Hand-washing Dance Choreography: Choreograph a short dance routine incorporating the different ways we're recommended to wash our hands (scrubbing nails, between fingers, etc). You can email me or submit the assignment in Microsoft Teams if accessible.
- Listening Log: Write down music you hear each day. You can also record information about the songs, like the title/artist, genre, mood, time signature, tempo, instrumentation, etc., or you could draw a picture in response to the music. You can email me or submit the assignment in Microsoft Teams if accessible.
- Singing log: Write down songs you sing each day. You can sing along with a recording, sing by yourselves, or sing with your family. You can email me or submit the assignment in Microsoft Teams if accessible.
- Soundtrack of my life: Create an imaginary album that shows who you are. You can make a list of song titles, and for each song describe the music—this could be done either by creating your own songs or finding existing songs that describe aspects of your personality/life. You can also design an album cover to go with it, write liner notes, etc. You can email me or submit the assignment in Microsoft Teams if accessible.

ELA

You will need to download the Flipgrid app for some activities. Follow the links below for directions.

- Summer is Here! - You will provide an update of your life since the Covid-19 pandemic.
Flipgrid code: <https://flipgrid.com/16te3e68>
- Shark Tank-You will be a contestant on Shark Tank. You will pitch your latest invention to the judges in 1 minute. Flipgrid code: <https://flipgrid.com/d957cf0a>
- Teen Survey Says -You will be interviewed by Teen Ink magazine. They want your opinion on one of the hot topics presented by teens all around the world. Flipgrid code: <https://flipgrid.com/ea6f302f>
- A Good Read- Choose one of these great audiobooks to listen to this summer. Follow the link: [Teen Audiobooks](#). Flipgrid code: <https://flipgrid.com/63f3fdbe>
- Do you love writing? Well, you can write your very own picture book. Try [Storybird!](#) OR Try [Book Creator!](#)
- Have you ever wondered how many stars there are? Why the sky is blue? Check out [Wonderopolis!](#) They even have an online summer Wonder Camp. Try [here!](#)
- Are you looking for a good book to read? Look no further, try the digital books on [Wattpad](#).



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Social Studies

Taggar Challenge

- [Ford Museum](#) - Explore the museum and identify which exhibit you thought was the most interesting then describe the significance of the Assembly Line in America's Industrial Revolution. (Appx. 5 – 7 sentences)
- [The Museum of Flight](#)-Explore the different 360° Panoramas of the different planes. What are three things that are similar/different in each of the cockpits and cabins. Which plane is the biggest/smallest? Which can fly the fastest? Which can fly the farthest? How has flight changed the world over the last hundred years? (Appx. 3 – 5 sentences)
- [Sistine Chapel Virtual Tour](#)
 - [Sistine Chapel Link 2](#)
 - Take a careful look at the ceiling of the Sistine Chapel and pick two paintings to recreate in a modern style. You can use the style of your favorite artist or make their design look like something one of your favorite brands might use (Supreme for example). Then explore 2 other Virtual Tours from the different Museums describe one interesting art work you found while looking around. What medium did they use? (Sculpture, Painting) Is it a person? (Then who is it?) or is it an Object? (How could it be used?)
- [National Women's History Museum](#) -Look at, at LEAST 3 of the different categories. Go to the Explore Exhibit and describe who and what the event is about, why it is important, and how it helped shape our world today. (Appx. 3 – 5 sentences per category)
- [Farm Food 360° Tours](#) -Watch 4 of the 360° videos and look at each of the information links. Which videos did you watch? What are 3 things you learned from the video? How does this item help supply our daily lives? Pick one of the four sections you explored on the Farm 360° and create a road map that follows the Animal or product from Farm to your Table.
- [Boston Children's Museum](#)
- [Japanese House at the Boston Children's Museum](#)
 - Explore all three floors of the Boston Children's Museum. Describe the two most interesting exhibits on each floor. Why did they stand out to you? Would you want to visit the museum and if so what is the most interesting exhibit you'd want to see?
 - Take the tour of the Japan House. What can you learn about the daily lives of people from Japan by exploring this exhibit? And what is a culture that you'd like to see a house from so you could learn about the daily lives of those people the way that you can with the Japan house?

More Summer FUN!



- Spell It and Work It Out: An alphabet key [Spell It & Work It Out](#) is provided in which you will choose 3 Jaguar mentor words and complete the exercises listed for each letter.
 - You must submit a small video as proof that the exercises are completed. The exercises that you do not know how to do, just go to YouTube and an example will be provided.
 - For example, I choose the mentor word Diligent so the exercises that I will complete would be D- 3 Push Ups, I- 5 Jumping Jacks, L- 20 Wall Sits, I- 5 Jumping Jacks, G- 20 second Arm Circles, E- 30 Wall Sits, N- 5 Lunges, T- 10 Toe Raises. Click on the blue link above titled Spell It & Work It Out to access the alphabet key.
- Game System Exercise: If you have a game system such as a Wii, Xbox, PlayStation, or etc., play a game in which you will be required to do some movement. For example, playing Just Dance or tennis on the Wii. You must submit a small video clip as proof that some movement was done.

Enrichment

Enrichment

- Write a Poem or Rap: After you have participated in at least 2 of Mr. Cline's virtual field trips, you will create a poem or rap that reflects your experience. Be sure to use expressive and figurative language.
- Letter of Appreciation: Write a letter of appreciation by email to your teacher(s) expressing your gratitude towards them during the Covid-19 pandemic. Copy me in the email at ahawkins@taliaferrok12.ga.us
 - Give 2 or 3 specific examples of why you are thanking them
 - Include the ways your teacher has helped you navigate through distant learning
 - Share at least 2 qualities you love most about them
- Create a Covid-19 Time Capsule: We are all living through history and experiencing life in a new normal. Creating your very own Covid-19 Time Capsule is an innovative way for you to always have a keepsake of this moment. Click on the [link](#) to view an example of some creative ways you can create your own time capsule.
 - You can use the example provided or create your own. Being authentic is always good. Examples of items to place in your capsule: Lysol wipe, a couple squares of toilet paper, names of shows you've binge-watched on Netflix, evidence of games you played as a family, diary entry of how the pandemic affected you, things you're looking forward to doing when life goes back to normal, and photos of you/your family/and family pet.
 - Take a picture of your Time Capsule and share it with me via the TCS Middle School Facebook page or send it to my email.

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- Which One Doesn't Belong

Choose 2 of the squares to determine a reason(s) why a certain number does not belong with the others. Click [here!](#). Type your answers in the [padlet](#).

- Need more practice with math skills and concepts? Try [Freckle!](#)

- Do you like Math and Rap? Try [Flocabulary!](#)

Class Codes for Flocabulary
6th Grade - R4HJTN 7th Grade - SZPWHY
8th Grade - B26Q6

6th Grade

- Can you guess the secret number? Try [here?](#)

- Open Middle - Product of Distributive Property: Decide if $30x - 12$ could be a result of using the distributive property. If it is, find the possible combinations of factors whose product would be $30x - 12$ (using integer coefficients and constants)

7th Grade

- Chance Experiments. Try [here!](#)
- Adding Integers. Try [here!](#)
- Adding and Subtracting Integers Try [here!](#)

8th Grade

- Draw a triangle 3 times and cut it out. Paste the triangle on a separate sheet of paper to demonstrate the following series of transformations: Pre-image, rotate 90 degrees clockwise, then Reflect over a horizontal line.
- Create a flipbook of a series of transformations. You will need 6 small pieces of paper. Ensure they're all the same size. Draw a scalene triangle on the first page. Translate each vertex of the triangle down 2 spaces and right 1 space. Repeat the procedure until all six pages have a triangle plotted on them. Stack the cards in order and flip through them to view the traveling triangle.
- Adding and Subtracting Integers Try [here!](#)
- Guess My Rule. Try [here!](#)

- Build a Biome (Build all six biomes by selecting plants, animals, rainfall and temperature ranges). Try [here!](#)
- Dynaimo Earth Interactive (Explore Earth's structure, tectonic plates and types of plate boundaries) Try the interactive [here!](#)
- Science News for Students (Read exciting current event science articles) Read articles [here](#).
- Georgia 4-H hosts virtual series to connect youth with science experts. All about paleontology- June 4th at 4 p.m. Click [here](#) for video.
- Mr. Nussbaum interactive science (learn about all kinds of science topics) Try the interactive [here!](#)

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Completed activities can be posted
on the TCS Facebook Wall.

OR

You can email pictures & videos to
your teacher.

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- [Birthplaces of Music: A Virtual Field Trip](#) - Explore the birthplace of two of the different styles of music. Where did this music originate? What styles of music blended to create this Genre's particular sound/style? Describe that sound/style to the best of your ability. How does the style/sound and genre of music reflect the daily lives of the people who live in the area that music emerged from?
- [National Constitution Center Virtual Tour and Interactive Constitution Section](#)
- [U.S. Constitution Video](#)
 - Watch the YouTube video and describe your own understanding of what the Constitution is and why it is so important. Then explore the Interactive Constitution. Explore each of the Amendments and pick your Top 5 Most Important Amendments. Why are they your top five? Describe what makes them so important and how different our country would be without that particular Amendment.
 - Finally, consider an Amendment you think the country needs that would make it a better place for everyone to live in. What would your amendment do? How would it help all American people? What steps would be necessary to get your Amendment passed into Law?

More

Summer

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Social
Studies



- [Card Challenge](#): All you need is a deck of cards. Shuffle the deck and deal yourself 5 cards. For each card that is pulled, you are to match the value with either doing push-ups, sit-ups, or jumping jacks. If an ace, king, or queen is pulled, that is a total of 11. You can also use Uno cards. You must record yourself completing each exercise to receive credit.
- [TikTok Dance Challenge](#): Practice and upload a TikTok dancing video that involves you and two of your family members. Make sure that the video is appropriate and that you have permission from each person in the video to upload the challenge to receive credit. The video can also be emailed to me if you or anyone in the video are not comfortable with it posted on social media. You will still receive credit if the video is emailed. My email address is oturner@talieferronk12.ga.us.
- [Healthy Snack Challenge](#): Showcase your cooking or mixing skills by creating your favorite healthy snack. A healthy snack can include but not limited to items such as a smoothie, milkshake, a salad, or etc. Once you have made your snack, you are to:
 - Take a picture of the item and post it
 - List the ingredients included in the item
 - Write a brief summary (4-5 sentences) of why you chose to make this item

Adventures



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