

HIGH SCHOOL



RICHLAND
SCHOOL DISTRICT
TWO

SUMMER *Resources*



RICHLAND SCHOOL DISTRICT TWO

Premier Summer Enrichment

Grades 9 - 12

Families--we created this document to inspire learning during the summer months when your student will not have access to our spectacular teachers and school resources. It is our hope that this will encourage your student to continue to learn and allow your family to share in that learning. Although the experiences are divided by grade level bands, many are suitable for learners of all ages. Please take some time to review and enjoy!

English Language Arts

- Don't let those writing skills molder over these long hot summer months! Check out these *New York Times* writing prompts, and enjoy reading an interesting article while you're there.
<https://www.nytimes.com/section/learning>
- Would you like to sharpen your test-taking skills? Check out:
 - Khan Academy
<https://www.khanacademy.org/>
 - ACT Website
<http://www.act.org/>
 - SAT Website
<https://collegereadiness.collegeboard.org/sat>
- Perhaps this is the summer you'll finally write that short story or novel. Never fear, support is here! Check out the Young Writer's Program.
<https://ywp.nanowrimo.org/>
- Do you miss those lessons in English class? The ones that make you say, "Aha! I hadn't thought about it like that!" If so, check out these short lessons that TED Ed compiled:
https://ed.ted.com/lessons?_id=1589214680261&category=literature-language&page=2&student_level=3
- One way to keep thinking is to continue reading! Indulge in a book that you'll love. Check out the free resources some rockstar librarians compiled:
<https://mediaspecialistsguide.blogspot.com/2020/03/thousands-of-online-mostly-free.html>
 - Sign up for personalized book recommendations from the Richland Library:
<https://richlandlibrary.beanstack.org/>

Mathematics

- Virtual test-taking reviews:
 - Khan Academy
<https://www.khanacademy.org/>
 - ACT Website
<http://www.act.org/>
 - SAT Website
<https://collegereadiness.collegeboard.org/sat>
- Try to go one whole day without doing math or using technology that depends on math. Be observant! This is not as easy as it seems! You fail the goal if you:
 - Go to an amusement park
 - Go shopping
 - Drive or ride any vehicle
 - Use any technology
 - Listen to or play musicCan you think of other ways to fail the goal? How does your activity use math?
- Jo Boaler Free Course for Students: Change your Mathematical Mindset
<https://www.youcubed.org/online-student-course/>
- Illuminations - <http://bit.do/eNLRd>
Calculation Nation® is part of the NCTM Illuminations project, which offers Standards-based resources that improve the teaching and learning of mathematics for all students. Families are required to sign up for this free website.
- Illuminations Brain Teasers
<https://illuminations.nctm.org/BrainTeasers.aspx>
- TEDEd Mathematics Lessons:
<https://ed.ted.com/lessons?category=mathematics>
- Mathematics Movies Inspired by True Events - <http://bit.do/eNLQL>
- Board Games that promote Mathematical Thinking - <http://bit.do/eNLSj>

- ❑ [reader365](#)
Join Goodreads, where social media meets reading, in an interactive site with reviews and chats. As their logo says, "Find your next favorite book."
<https://www.goodreads.com/>

- ❑ Traveling for Vacation? Use a paper map to approximate the mileage and check your answer using a GPS.
- ❑ Build your own CD sextant - <http://bit.do/eNLTe> and do a quick google search on navigation. Then pick a clear night and star gaze. Do you think you could navigate a boat without using technology and only using stars?
- ❑ Learn how to play a new instrument.



Science

Riverbanks Zoo & Garden

<https://www.riverbanks.org/>- Go on a family field trip to spot animal adaptations, plant identification and naming, and unique characteristics of animal groups. Riverbanks also provides a variety of day camps appropriate for middle school students as well.

**The zoo is currently closed. Please check the website prior to visiting.

South Carolina State Museum

<http://scmuseum.org/>- The state museum offers a variety of science exhibits and experiences aligned to the 8th grade standards. Check out the observatory to view, planetarium, and natural history of South Carolina. The observatory is open on Tuesday evenings until 8:00 pm.

**The museum is currently closed for COVID-19. Please check the museum website for details of opening.

Sesquicentennial State Park

<https://southcarolinaparks.com/sesqui>- Go for a nature hike on one of the many trails and observe various ecosystems, animals, and geology of South Carolina.

ASU virtual field studies

<https://vft.asu.edu/> -- Choose from a variety of virtual field studies around the United States. Observe places like Yellowstone, the Grand Canyon, and Living Microorganisms.

Social Studies

Places to Visit

- The South Carolina Capitol
<https://southcarolinaparks.com/education-and-history/state-house>
- Site of the Battle of Camden
<https://www.historiccamden.org/>
- Columbia's Civil Rights landmarks through the [Columbia 63](#) walking tour.
<http://columbiasc63.com/>
- Historical Markers in our Community:
<http://bit.do/eNLMi>

Virtual Places to Visit

American Museum of Natural History:

<https://www.amnh.org/explore/virtual-visits>

Ellis Island:

http://teacher.scholastic.com/activities/immigration/tour/index.htm?affiliate_id=21181&clickId=3111760789

Historic Hudson Valley:

<https://peoplenotproperty.hudsonvalley.org/>

Mount Rushmore:

<https://www.cyark.org/projects/mount-rushmore-national-memorial/virtual-tour>

Mount Vernon:

<https://virtualtour.mountvernon.org/>

Museum of the American Revolution:

http://www.scholastic.com/BeyondtheBattlefield/?affiliate_id=21181&clickId=3111758083

Plymouth Plantation:

https://www.scholastic.com/scholastic_thanksgiving/webcast.htm?affiliate_id=21181&clickId=3111763289

Smithsonian National Museum of Natural

[Flinn at home lab series](#)

This is a series of lab activities that can be done with everyday items from your home. The Flinn instructors will guide you through the lab and how to perform the investigation at home.

Virtual Resources for exploration

American Chemical Society

<http://www.acs.org/content/acs/en.html>

Biology Simulations

<https://phet.colorado.edu/en/simulations/category/biology>

Chemistry Simulations

<https://phet.colorado.edu/en/simulations/category/chemistry>

Encyclopedia of Life - <http://eol.org>

Exploratorium- <http://www.exploratorium.edu>

Franklin Institute - <https://www.fi.edu>

Genetics Learning Center-

<http://learn.genetics.utah.edu>

Howard Hughes Medical Institute-

<http://www.hhmi.org>

Journey North - <https://www.learneg/jnorth/>

NASA Science - <http://science.nasa.gov>

Periodic Table

<http://www.rsc.org/periodic-table>

National Wildlife Federation -

<http://www.nwf.org/Kids.aspx>

South Carolina Department of Natural

Resources – www.dnr.state.sc.us

Tree of Life Web Project

<http://tolweb.org/tree/phylogeny.html>

History:

<https://naturalhistory2.si.edu/vt3/NMNH/>

SC Governor's Mansion:

<http://www.scgovernorsmansion.org/mansion/virtualtour.cfm>

The South Carolina Capitol:

<https://southcarolinaparks.com/education-and-history/state-house>

The White House:

<https://www.360virtualtour.co/portfolio/the-white-house-google-virtual-tour/>

United States Holocaust Remembrance

Museum:

<https://www.ushmm.org/educators/lesson-plans/virtual-field-trip>

Things To Do

- Interview a family member. You could even record it using the StoryCorps app. <https://storycorps.org/participate/storycorps-app/>
- Shadow someone at their job. Ask them about the economic benefits of working.
- Develop a budget and make purchases (i.e. grocery shopping).
- Be an active citizen by volunteering, writing a letter to a politician, donating, etc.

Academic Resources

- C-SPAN Classroom: <https://www.c-span.org/classroom/>
- Engaging in Congress (game): <https://engagingcongress.org/>
- EVERFI Financial Literacy Modules: <https://everfi.com/>
- Federal Reserve: <https://www.frbatlanta.org/education/classroom-economist>
- iCivics (games): <https://www.icivics.org/>
- Khan Academy www.khanacademy.org
- National Geographic Learn at Home https://www.nationalgeographic.org/topics/middlehigh-school-resources-remote-learning/?q=&page=1&per_page=25
- PBS Learning Media <https://www.pbslearningmedia.org/subjects/social-studies/>

- TEDEd Geography:
<https://ed.ted.com/lessons?category=geography>

Other Areas

Visual and Performing Arts

Piano Camp--Presented by Rice Music and Richland Two, there are two options:

1. Face-to-face 1-week camp--TBA
2. Virtual-Blend piano 4-week class--TBA

One Columbia for Arts and History

<https://www.onecolumbiasc.com/>

Media Literacy labs at Nickelodeon Theatre

<http://indiegrits.org/education/media-literacy-labs/>

Columbia Marionette Theatre May 4 through August 3 Pinocchio

<https://cmtpuppet.org/>

The Columbia Museum of Art

<https://www.columbiamuseum.org/>

Richland County Library Events Series

<https://www.richlandlibrary.com/>

Lowe's and Home Depot free kids design workshops--Check will local locations

College and Career Readiness

1. Khan Academy Practice for PSAT, SAT - please link your score for personalized practice. Please ask your school counselor for assistance linking your account.
2. Summer Reading - please pay special attention to the suggested or required summer reading in your classes. If you are taking an AP or IB class next year, please seek out reading opportunities that will enhance your preparation and preparedness.
3. Take college visits with your family. Contact the admissions office at the college you are interested in visiting (you can go online) and sign up for an official visit.
4. Get a summer job if you are old enough to do so. The act of applying and interviewing is a growth experience and if you are hired, you will begin to learn communication and collaboration skills that will serve you well in school and beyond.
5. High School students in 9th and 10th grade - take ACT practice and WIN test practice online. There are free resources available.