Family Resources for At-Home Learning

English Language Arts - 5th to 8th

Reading

Suggested reading time is 30 minutes each day. Read anything, everything! Novels, internet articles, magazines, websites, blogs, cookbooks, audio texts… If you can think of it, you can read it. Everything counts!

- As you read, consider the following:
  - If it is a novel;
  - What connections do you have to the text?
  - Who are the main characters?
  - What is the problem in the story?
  - What steps to the main character(s) take to fix the problem?
  - What character do you like most and why?
  - Would you recommend this book to someone else? Why?

Writing

This is a crazy time in the history of our world. Writing is an important way to remember these events. This is just a list of ideas to try while at home.

- Write a letter
- Write a story about quarantine.
- Write poems or songs.

Science - 5th to 8th

- Pick a Science Speak question or two a day and then think and discuss your thoughts about this issue with someone.
- Read and annotate an article from the Informational Text Science Journal. Then answer the questions and if you can, complete the Mini-Project for the article.
- SciShow on YouTube has some excellent, short videos on a number of scientific topics.
- There are a number of science documentaries on PBS, History Channel, Discovery, etc.
- Try to get outside and observe nature. Examine the parts of a flower in bloom, observe insects interacting with each other, track the moon phases, and so on.

SciShow Link: https://www.youtube.com/user/scishow
Mathematics - 5th to 8th

- Ask students throughout the day, what math they see? Math is all around us, even in nature. A few **examples** include the number of spirals in a pine cone, pineapple or seeds in a sunflower, or the number of petals on a flower. The numbers in this sequence also form a unique shape known as a Fibonacci spiral, which again, we see in **nature** in the form of shells and the shape of hurricanes.
- Have students think about math we learn to use in middle school, such as fractions, decimals, percents, unit rates, proportions, and geometry. There are opportunities all around to practice these skills.
- Use a standard deck of playing cards to practice these skills:
  - Simplifying, adding, subtracting, multiplying and dividing fractions
  - Adding, subtracting, multiplying and dividing integers (reds=negative, blacks=positive)
- Students have a paid subscription for ALEKS, which offers on-grade level topics with explanations and videos.

There are many websites that offer free math practice or lessons:
- NTCM offers lessons and interactive activities: [https://illuminations.nctm.org/](https://illuminations.nctm.org/)
- Khan Academy offers video lessons and activities: [https://www.khanacademy.org/](https://www.khanacademy.org/)
- Desmos is an on-line (or app) graphing calculator: [https://www.desmos.com/calculator](https://www.desmos.com/calculator)

Physical Education for All Students

Hello KFMS PE students!

The following is a list of activities that you can be doing while we are away from school for the next few weeks. Remember that 60 minutes of activity a day is considered as a minimum requirement. Also depending on the intensity level a warm-up and cool down are important considerations.

There are tons of on-line resources. Many are being added daily. I came across this one recently on YouTube: "The Body Coach TV".

Trainer Joe Wicks is doing a thirty minute daily workout designed for PE students. (Challenge your parents to do it with you)

**Presidential Fitness Challenge.** This is a great time to work on improving your scores. Your current scores should still be fresh in your mind since we were just working on them. Push-ups, curl-ups, pull-ups, shuttle run (lines are 30 ft apart) etc.
Physical Education for All Students Continued

Work on that mile time. Start with slower and shorter distances and work your way up.

Sally Up challenge. Go to YouTube. I can’t wait to see some of you conquer this challenge.

Be sure to document your activities on paper so you can keep track of what you are doing and be able to share that with me when we get back to school. I will be sending you an activity log to help you keep track of that information. Other important things are: Eat healthy, get enough rest (But don’t be lazy) and make good choices. Most importantly dress for the weather and get outside and enjoy it. I will be sending this letter along with some other materials in a packet soon.

Sincerely,
Coach Kroiss

Art For All  5th to 8th

Hi everyone! There are unlimited possibilities for art student to practice or try during this period of time at home! Although 5th through 8th grade have the packets that were designed to practice the current curriculum from the at school class, (they are posted on this website as well) I realize some students would prefer to try their ideas on their own. What is most important is to that you do something artistic!

One of my students sent me a picture of a birdhouse she had designed and painted and I know another who is using her new drawing tablet. Many students have or could make journals or sketch books to document progress. I am available by email and soon by phone for any questions or help with brainstorming ideas for possible projects! Depending on your available supplies, the sky is the limit. This is your chance to try new techniques, practice old techniques. Try some new mediums if possible. Please be sure to take pictures of your work and send them to my email: sedwards@kfschools.org.

You can google search for ideas or find you tube videos to help you watch or guide you through trying new things.

- One interesting link for three dimensional projects is instructables.com. This site has for example ways to create wire sculpture starting with a snow skier. They also had a link to a 3D paper sculpture that any student could do with just scissors and scrap paper. Remember that I would love to see a picture of you attempts and your finished product...
- Another interesting link is Vincent Bal’s Shadow art thisiscolossal.com. This artist show ways to use shadow to inspire sketches, checkout is examples!! Remember I want to see your tries!

It is fun to try new things and to practice old things in art! Make a family art time a couple times a week, but also practice more frequently, art and music together are a great way to help pass time . I am doing more of it at my house during this as well! I’ll share what I’m working on if you share your work with me!! Mrs. Edwards