FREE WEBSITES

www.khanacademy.org   K-12 Beautifully presented tutorials and more. See "Pixar in a box" where people explain the importance of math in the process of creating the myriad aspects oftheir stories.

https://wonderopolis.org   A treasure for the whole family!

www.storylineonline.net   Famous actors read children's books.
                           Activities accompany each story.

www.buildyourwildself.com   Learn parts of the body, adjectives, animal characteristics and more. Bronx Zoo contribution. Be aware that there is a little glitch when entering some of the components (wrong names), but this corrects when finished.

www.sheppardsoftware.com Many interactives for all subjects

esolhelp.com   Help and reinforcement for many skills

www.starfall.com   Look for Chinese Fables under "I'm Reading".   Delightful means of introducing a bit of Chinese culture.

www.abcmouse.com   Wonderful! Free for teachers and the students they list.

Explore all the offerings from the following four sites (which are already familiar to many) for younger students.

www.nickjr.com

www.enchantedlearning.com

http://pbskids.org

www.sesamestreet.org

www.funbrain.com   Pre-K-8

www.timeforkids.com   K-6 Excellent! Articles are read aloud up through 2nd grade.

https://www.education.com/game

www.whyville.net   Very worthy site for students 8 years and older. Parents must be with student to register. The upper right hand corner of screen gives directions for registering.

Coding (STEAM):

https://code.org   An organization founded by Hadi Partovi and supported by the major individuals and businesses (e.g., Bill and Melinda Gates, Mark Zuckerberg, Google, Amazon, Verizon) of the computer world. Not only incorporates all the aspects of STEAM, but also ensures, through videos modeling behavior, that students are made aware that positive attitudes and proper social skills are necessary for successful outcomes. Collaboration, courtesy, risk-taking, perseverance, taking turns, encouraging and helping peers, and so forth, are all part of each course. Many languages are offered.

To get a first look, go to "Educators", then "Courses A-F" (after "Courses"), choose a grade level and explore. Anytime you want to get back click on the Code logo on the upper left.

There are free 5-day professional learning courses in Jackson, NJ this summer for grades 6-12.

https://hourofcode.com

Highly recommend exploring this.

https://scratch.mit.edu

Using this program language, students can create interactive games and stories, animations, school projects and more. It is an online community where others can "remix" and/or comment. Teachers can create visual lessons to aid in comprehending difficult concepts across the curriculum. A variety of languages is available. Myriad tutorials are on YouTube.

Once on the site do a search for "Maze Starter" and view an example of simple programming. Searching "ivypool2" will bring up work from a very enthusiastic student.

scratchjr.org   A free coding app for children 5-7. See http://pbskids.org/learn/scratchjr/ for helping students create interactive stories.

www.tynker.com   Free only while used in school.

Language Arts:

https://www.paraphrase-online.com

Write a paragraph. Click on the arrows. Voila!

https://www.grammarly.com

Grammar and spell checker, detecting even contextual spelling errors

http://uniteforliteracy.com Fabulous site! Books read to students in a variety of languages. Range from single word per page to paragraphs.

https://www.getepic.com Wonderful! Free for educators and free for students using it in school.

At this time there is a special offer for students to have access at home. It is: $3 for 3 months.

www.janbrett.com Created for the young student by a wonderful author.

www.storylineonline.net Famous actors read children's books. Activities accompany each story.

http://spellingcity.com Enter your weekly spelling words and then practice with games this site makes using the words.

www.bookemon.com Kids can easily create books. May purchase book after completing, but will save indefinitely and can be shared.

storybird.com Another site to encourage creative writing. Again, book may be purchased.

www.wordle.net Great for brainstorming, spelling words, content vocabulary, poetry, results of class polls, personal stories, gift to family, character traits, opposites, cause/effect. The more times a

word is entered, the larger it becomes, but it will not be repeated. *Wordle* uses the Java web-browser *plug-in*. You must ensure that Java applets are enabled in your browser. Chromebooks don't seem to support this site.

http://www.readwritethink.org   Valuable resources; check out "Parent and Afternoon Resources". Also, there are many interactive activities. On the left side you will see "Student Interactives" and "Games and Tools." You will get a screen with all of the interactive activities. A few are listed below:

- http://www.readwritethink.org/files/resources/interactives/dramamap Excellent for creating graphic organizers

- http://www.readwritethink.org/files/resources/interactives/crossword Create a crossword

- http://www.readwritethink.org/files/resources/interactives/cube_creator/   Learn how to plan and then write a biography, a mystery or another story

- http://www.readwritethink.org/files/resources/interactives/essaymap/ Essay Map

- http://www.readwritethink.org/files/resources/lesson_images/lesson195/comic-strip-planning.pdf (planning)

- http://www.readwritethink.org/files/resources/interactives/comic   Create a cartoon. Could be used as a response to a story or to an historical event

- http://www.readwritethink.org/materials/postcard/ Create a postcard.

https://cloud.google.com/speech-to-text/ One of the sites where students can speak and have the words printed out. Many applications for ELs, including pronunciation assessment.

Math Resources

http://illuminations.nctm.org

As of last week this site is no longer free. . However, because it does introduce and reinforce so many math concepts, it is included. Colorful, engaging K-12 math games. Choose "Interactives" to see these offerings. You may choose a grade level if you wish. Check out: Turtle Pond; Coin Box; Geometric Solids; Fraction Models; Bar.

www.coolmath-games.com   More fun ways to learn math

Science Resources

sciencenetlinks.com/tools

Explore this website for lots of science learning adventures. Some of the more astonishing tools are: Creature Feature Archives (great for kids working on animal reports); Monster Bugs; Lunar Cycle 1; Lunar Cycle 2; The Challenge; Nowhere to Hide; Mare's Build a Fish; Color and Camouflage; Powers of Ten; You and Your Skin; From Cell to DNA; Cell Size and Scale. The site keeps changing its organization so go to Search to find what you want.

sciencenetlinks.com   Search Lunar Cycle 1 and then Lunar Cycle 2 (the Challenge)   Follow up with

http://stardate.org/nightsky/moon Fun way to reinforce phases of the moon.

www.nasa.gov/kidsclub   Space!

http://nationalgeographic.org/education National Geographic has some amazing sites. For some examples, click on "Teaching Resourses", and scroll down to end for "Educational Games". Scroll down to "Science and Engineering" and explore the offerings.

http://www.amnh.org/explore/ology/ Museum of Natural History site .

<mark>Social Studies Resources:</mark>

https://kids.usa.gov/education Scroll down to Resources for Teachers

http://nationalgeographic.org/education You will see various offerings. If you click on Mapping and then MapMaker Interactive, not only will you learn about countries and territories, but you will be able also to personalize the map with symbols, lines, shapes and so forth. You may save and print out maps. On first page again, other resources are listed under "Teaching Resources" and then "Educational Games." Scroll down and find "History and Culture"—don't miss "On the Trail of Captain John Smith". If you keep scrolling down you will find more social studies-related activities.

http://www.nga.gov/content/ngaweb/education/kids.html From the National Gallery of Art, this is filled with wonderful interactives for students.

http://kids.albrightknox.org/html/home.html From the Albright-Knox Art Gallery, a new interactive app.

Teacher Resources:

https://app.kaizena.com/ Can use voice messaging for critiquing student work

https://www.freetech4teachers.com Filled with information!

https://scratch.mit.edu/educators   ScratchEd is an online community where Scratch educators share stories, exchange resources and ask questions.

If you have any questions regarding these sites, please contact me at scole@oceanschools.org