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YAKKA TECH

APCS LIBRARY DIGITAL RESOURCE BULLETIN

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By Mr C. Liang

Editorial

Regular home study will help children develop a good study routine and reinforce the importance of education. Studying at home also enables a child to progress at their own pace and give them enough time to practice to develop mastery of what they learnt. Study activities at home should be

chosen based on their educational value and engagement level rather than their aspect of "fun". Activities can also be fun, but don't let the child build the expectation that studying will always be fun, or that only fun things are worth doing. The key is to study routinely to make steady progress.



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Britannica School

by Miss B. Ruschen

Britannica School is an online database for schools, created by Encyclopedia Britannica. website provides This extensive research assistance to students K-12, as well as instructional in scaffolding for teachers. It divides content into three levels of reading: elementary, middle and high school, for easier user access. Britannica School is a great way for students to conduct online research as it is a kid-friendly tool and is so easy to use. Students simply type in a topic, producing a number of articles, videos and images in response. It offers fantastic support features, such as the read-to option, differentiated reading levels, a citation tool, dictionary and atlas support, drop down options (elementary level only), and so much more! I use Britannica School for students across K-6, as it is a fantastic tool for introducing the concept of research skills to younger students and works as a highly effective starting point for deeper research with older students - five stars!



Twinkl

by Miss H. Ward



The Twinkl website has a vast collection of curriculum linked resources for teaching and learning. I use this resource with my Year 8 and 10 Science classes, and my Year 7 TAS class. I find Twinkl very helpful for allowing me to find a variety of materials to provide choice to students – for example for any given syllabus outcome you are likely to find worksheets at different levels, numeracy and literacy activities, and puzzles or extension activities.

The Twinkl resources are organized by grade level and by topic, which allows for easy searching. In addition, many activities are available at different reading levels so that students can engage in the same content work, but at a level appropriate to them. The instructions and text are easy to read, and students enjoy the range of activities that are available. Twinkl also has a growing collection of work that relates to Indigenous Australian knowledge and culture. An increasing number of resources are available in both a printable and an interactive digital format which means they can be used in a classroom setting where not all students have a device.

I would recommend this resource to any Stage 4 and 5 teachers looking for meaningful, well presented, and differentiated work for their students. Twinkl is especially good when you are searching for something to leave as a cover lesson, or for when you want to work with a small group of students while the rest of the class works independently.

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Maths websites

by Mr C. Liang

1. www.mathsonline.com.au

Maths Online is an online learning the for Australian website K-12 Mathematics courses. 1† features more than 1600 animated and narrated lesson recordings, questions and tests for your child to undertake self-study outside of school hours. The video lessons are professionally made, well structured and comprehensive. The quantity of exercises for each lesson are relatively high and are automatically marked with analytics as feedback. This site is aimed at students who want to achieve high outcomes in the subject.

2. www.k5learning.com/free-mathworksheets

K5learning is a really good website for parents and educators to find, download and print worksheets for students to practice their noncalculator basic numeracy skills. Worksheets are all free to use. covering the full range of Kindergarten to Grade 6 math skills (Content up to Year 8 in Australian Syllabus) from numbers and counting through fractions, decimals, word problems and more. All worksheets are printable files with answers on 2nd page. Non-calculator the numeracy skills are highly important for students of all ages.

ASX

by Mr A. Johnson



A great resource is the ASX Schools Sharemarket Game. Students get \$50 000 in virtual money and can trade on the real value of shares in th ASX. The website is full of resources that help with the game but also closely aligns with the syllabus for Commerce, Economics, Business Studies and Geography. The game goes for 3 months and is run twice a year. It is a good incentive for students to understand trends in the wider economy to inform their investment decisions.

I use it as a basis for a year 9 assessment task, where teams report on a company, its performance and share values and they reflect on their strategies in managing a portfolio. The website includes video tutorials on how to play and invest, and it gives insights into the winning strategies. The game is highly engaging, particularly when they are beating their teacher, who despite some previous wins, has made very poor investment decisions recently. The game provides a wealth of digital resources that strengthen financial literacy and teaches them about the world of markets, economics, risk and reward and decision making..





WHEELERS



by Ms Q. Young

You can login Wheelers eLibrary via DoE student & staff portal "My school library" or simply by clicking below link:

https://alexparkcssecondary.eplatform.co/browse

As a 21st century teaching/learning tool, Wheelers provides APCS with invaluable educational experiences because it is accessible remotely from both school and home. Wheelers encourages reading for leisure & pleasure.

A useful Wheelers eLibrary feature is its "+ create list" function. First, you need to save a chosen title to the "All saved titles" list. Then you can create your own lists where you can sort your chosen titles into. This is very neat when you try to keep a tidy reading log for yourself. It is also inspirational when you wish to recommend books to others. It is extremely helpful especially when you intend to compile a reference list for a research project or your subject assignments.

