



## BATHURST SOUTH PUBLIC SCHOOL

251 Havannah Street Bathurst NSW 2795

Email: bathursts-p.admin@det.nsw.edu.au

Phone: 6331 1297 Fax: 6332 1634 Principal: Mr Greg Cross

---

## K-6 Online Resources

**PhET** - [https://phet.colorado.edu/\\_m/](https://phet.colorado.edu/_m/) science and maths interactives that allow students to work through a situation or problem, usually allow you to change variables to see the result.

**BBC Bitesize** - <https://www.bbc.co.uk/bitesize> The UK version of ABC Splash, has resources and interactives from primary students

**ABC Education** - <https://education.abc.net.au/home#!/games> interactive activities and games.

**PPS Learning Simulations** - Simulations that allow students to explore changing variables in a situation. [https://www.pbslearningmedia.org/resource/plum14.sci.life.feedingo/feed-the-dingo-an-ecosystem-game/#.WafUUsig\\_IU](https://www.pbslearningmedia.org/resource/plum14.sci.life.feedingo/feed-the-dingo-an-ecosystem-game/#.WafUUsig_IU)

**National Geographic** - many activities include a game, simulation or interactive to explain key concepts. <https://www.nationalgeographic.org/activity/the-trading-game/>

**Cybersecurity Lab** - NOVA has joined forces with cybersecurity experts to create its Cybersecurity Lab. This is a game where players discover how they can keep their digital lives safe. The game helps players develop an understanding of the common cyber threats that exist online and their defences. Students should sign in using their Google account. <https://www.pbs.org/wgbh/nova/labs/lab/cyber/>

**Interland** - an adventure-packed online game that teaches the fundamentals of digital safety and citizenship through hands-on practice. [https://beinternetawesome.withgoogle.com/en\\_us/interland](https://beinternetawesome.withgoogle.com/en_us/interland)

**Prodigy – Mathematics game** - Prodigy is a free, adaptive mathematics game for grades 1-6 that integrates problem solving into a role-playing game using a Pokemon-style wizardry theme. <https://www.prodigygame.com/>

**BrainPop** External link – a paid site that has some free stuff, they do change what is free and update their stuff regularly. <https://www.brainpop.com/>

**NAPLAN Practice** - A collection of sample examinations that students for student to practice answering questions online, once submitted, students will receive feedback on correct or incorrect responses. <https://www.nap.edu.au/naplan/the-tests>

**Literacy Shed** - External link for K-6. Range of free reading materials. <https://www.literacyshed.com/home.html>

**Pobble365** - External link for K-6. Online daily visual with writing, grammar and speaking and listening activities <http://www.pobble365.com/>

**Story Online** - for K-6. Videos featuring celebrated actors reading children's books alongside illustrations. <https://www.storylineonline.net/>

**ABC Splash – Mathematics** External link for K-10. ABC Splash has resources across all KLAs. This links to their mathematics resources which can be searched by key word and filtered by grade. <https://education.abc.net.au/home#!/resources/-/mathematics>

**reSolve**: Maths by Inquiry for K-10. It is a collaboration of the Australian Academy of Science and the Australian Association of Mathematics Teachers. The tasks and materials on reSolve promote fluency, deep understanding, strategic problem solving, and mathematical reasoning through enquiry. <https://www.resolve.edu.au/teaching-resources>

**NRICH** - for K-12. NRICH provide thousands of free online mathematics resources for ages 3 to 18, covering all stages of early years, primary and secondary school education with a focus on developing mathematical thinking and problem-solving skills (University of Cambridge). <https://nrich.maths.org>

**youcubed** - for K-12. Jo Boaler and her team at Stanford University provide research-based teaching methods, maths tasks, videos, and ideas for extending thinking and inspiring teachers and students. <https://www.youcubed.org/tasks>

**GeoGebra** - for K-12 is dynamic mathematics software for all levels of education. There are free activities, simulations, exercises, lessons, and games for math and science. <https://www.geogebra.org>

**Moneysmart.gov.au** - Free, engaging, curriculum-aligned classroom resources. <https://moneysmart.gov.au/teaching-resources>

**Yoga and mindfulness for kids-**  
<https://youtu.be/0ImHIWzP49M> <https://www.gonoodle.com>

**Live PE lessons** - at 9am Monday to Friday on this YouTube channel for children of all ages. <https://www.youtube.com/playlist...>

**BTN Behind the News** - is a fun, accessible way for upper primary students to learn about what's happening in the world around them. <https://www.abc.net.au/btn/> **Kids News** - <https://education.aec.gov.au/teacher-resources/>

**Virtual Excursion** - Over 30 Virtual Excursions with Links  
<https://docs.google.com/.../1SvldgTx9djKO6SjyvPDs.../mobilebasic>

**Visit museums and Art Galleries** - Google Arts and Culture partnered with over 2,500 museums and galleries around the world to offer virtual tours of their spaces. <https://artsandculture.google.com/partner?hl=en>  
The Louvre, based in Paris, is also offering its own virtual tour online for free-  
<https://www.louvre.fr/en/visites-en-ligne>

**The British Museum** - located in the heart of London allows virtual visitors to tour the Great Court and discover the ancient Rosetta Stone and Egyptian mummies- <https://britishmuseum.withgoogle.com>

**The kid should see – This** link is for Years2-10. Free collection of over 4,300 kid-friendly videos, curated for teachers and parents to share meaningful media. Useful as a writing prompt for informative, persuasive and imaginative texts. <https://thekidshouldseethis.com>

#### **Webcams**

**The San Diego Zoo** - has a live webcam for animals- <https://zoo.sandiegozoo.org/live-cams>

**Melbourne Zoo** - also has live webcams <https://www.zoo.org.au/animal-house>

**Curiosity Rover** - Explore the surface of Mars on the - <https://accessmars.withgoogle.com>

**Science and Technology Experiments** - That you can do at home-  
<https://www.stevespanglerscience.com/lab/experiments>

**Learn to code-** <https://www.codecademy.com>  
<https://scratch.mit.edu>  
<https://www.kodable.com>

**Marine Biologists** - take a deep dive into ocean life. <https://ocean.si.edu>

**Science podcasts** to listen to with your kids- <https://medium.com/.../19-great-science-podcasts-you-can-list...>

**NASA initiative** - covers a wide range of topics including weather, climate, atmosphere, water, energy, plants, and animals- <https://climatekids.nasa.gov/>

**Young Explorers** - is a magazine designed specifically for young children. Children can listen to the magazine being read to them as they follow along with the highlighted text- <https://ngexplorer.cengage.com/ngyoungexplorer/index.html>

**Craft activities** - <https://www.allkidsnetwork.com>

**Fun games, recipes, crafts, activities** - <https://www.highlightskids.com>

**Educational games** K-12- <https://www.breakoutedu.com/funathome>

**Illustrated recipes** - designed to help kids age 2-12 cook. Recipes encourage culinary skills, literacy, maths and science- <https://www.nomsterchef.com/nomster-recipe-library>

**The Arts** - Help children learn to appreciate the arts by providing them with the opportunity to play games, conduct investigations, and explore different forms of art- <https://artsology.com>

**Mo Willems** -n the author of 'Don't let the Pigeon Stay up Late' is uploading daily drawing lessons- <https://youtu.be/MjaYnyCJDdU>

**Music is for everyone**- <https://musiclab.chromeexperiments.com/Experiments>