






Some recommended resources to support 2020 planning


Statewide Services, Teaching and Learning  
TV programs and resources  
Primary STEM Integrated Learning

Resource	Year level							Audience			Online links and description
	✓							✓			
	K - P P	1	2	3	4	5	6	Teacher	Student	Parent	
<p><a href="#"><u>Wow That's Amazing</u></a></p> 					✓	✓	✓	✓	✓	✓	<p><a href="#"><u>Wow That's Amazing</u></a></p> <p><u>Wow That's Amazing</u>: A lively and informative show featuring a cast of feisty and charismatic 10 to 13 year-old children, conducting fascinating experiments, solving mind-bending puzzles and performing magic tricks that children can then do at home.</p> <p><u>AFTER WATCHING</u></p> <p>Discuss each of the experiments they viewed and hypothesise about what and why the children got the result they did. Choose one of the experiments to try. Discuss where it may link to real life. Research and inquire one element of science that was seen in the episode.</p>

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<p><a href="#"><u>Ecomaths</u></a></p> 						✓	✓	✓	✓	✓	<p><a href="#"><u>Ecomaths</u></a></p> <p>Ecomaths is a new way of seeing how maths is used in the real world to create a sustainable future. Presenter Stefan Gates meets people in a range of organisations who have innovative solutions to big ecological challenges of our age. From local food to food waste, recycling to rainwater harvesting, biofuels to biodiversity, this series highlights how maths is a crucial tool to managing our environment. As well as real life examples, Stefan uncovers success stories of school age groups who use maths to achieve smart ecological solutions in their own communities.</p> <p><u>AFTER WATCHING</u></p> <p>Discuss the success of using concepts in the way Ecomaths has used, to impact and solve ecological issues. Use the concepts to springboard into an investigation to work on as a line of inquiry.</p>

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<p><a href="#"><u>Science Max! Experiments at Large</u></a></p> 						✓	✓	✓	✓	✓	<p><a href="#"><u>Science Max! Experiments at Large</u></a></p> <p>The series that answers the question "What would this experiment be like if it were HUGE?". Science Max turbocharges all the science experiments you've done at home. After covering the science basics we then do the experiment SUPER SIZED.</p> <p><u>AFTER WATCHING</u></p> <p>Students can inquire into the focus of each episode.eg; Earthquakes. Research into how things work. Plan, draw, construct and revise an experiment as seen on the program out of resources found around the home. Write down terminology used in each episode to create a STEM dictionary.</p>
<p><a href="#"><u>War On Waste</u></a></p> 						✓	✓	✓	✓	✓	<p><a href="#"><u>War On Waste</u></a></p> <p>As the war on waste continues, these extras dive deeper into the waste issues faced by modern Australians. This is the landmark series that sparked action across the nation. Craig targets plastic water bottles, straws, e-waste, fast furniture, food waste and the recycling crisis. #WarOnWasteAU</p> <p><u>AFTER WATCHING</u></p> <p>Discuss the issue seen in each episode and brainstorm ways to combat it. Research and plan a realistic way to help within</p>

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	✓							✓			
	K - P P	1	2	3	4	5	6	Teacher	Student	Parent	
											the student's own household. Trial the strategy to see if it works in the student's own household.
<u><a href="#">Citizen Code</a></u> 						✓	✓	✓	✓	✓	<u><a href="#">Citizen Code</a></u> <p>Citizen Code illustrates how the digital world works, from the inside out. We learn how to protect ourselves online, cryptography, big data, tracking and cookies (no, not the yummy ones!), social media and other virtual realities. Let's get smart.</p> <p><u>BEFORE WATCHING</u></p> <p>Use the title of the episode to find out what the students already knows about the topic by brainstorming on a sheet of paper in one colour.</p> <p><u>AFTER WATCHING</u></p> <p>Discuss what students learnt from the episode. Students add to the original brainstorm sheet and add new knowledge in a different colour. Students can continue to research about something they heard or learnt.</p>

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	K - P P	1	2	3	4	5	6	Teacher	Student	Parent	
<u><a href="#">BTN - Specials</a></u> 						✓	✓	✓	✓	✓	<u><a href="#">BTN - Specials</a></u> BTN presents compilations of recent stories on selected topics. Issues covered range from health and science to society and money. <u>AFTER WATCHING</u> Discuss and inquire into a topic of interest seen in the BTN Specials episode. Students create 4 questions they would like answered in response to a topic covered in each episode.