


# The Kids Research Institute Australia


## INCURSION PROGRAM


### INCURSION TOPICS + CURRICULUM LINKS


The Kids Research Institute Australia is one of the largest medical research centres in the southern hemisphere. We are excited to be taking some of our workshops on the road and bringing them to a school near you. Get your kids excited about science and health research with our hands-on workshops run by real life researchers and scientists. The workshops will be available to be booked any day during Term (subject to availability). Check out our website for all the finer details and to book your incursion.

### Here are the topics in the School Incursion Workshop Program:


INCURSION TOPIC		AUSTRALIAN CURRICULUM LINKS
 <h4>Poo and You</h4> <p>Learn about the different organs that make up our digestive system in this fun and messy workshop where your students will get to track the journey from food to poo. Students will:</p> <ul style="list-style-type: none"> <li>✓ Learn about their digestive system and the role of each separate part</li> <li>✓ Put together a digestive puzzle to test their knowledge</li> <li>✓ Work like a researcher and conduct an experiment on how the food moves from your mouth and becomes poop</li> <li>✓ Communicate results and ideas</li> </ul>	Year 1	<b>Science Understanding</b> Biological sciences <b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modeling and analysing Evaluating Communicating
	Year 2	<b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modeling and analysing Evaluating Communicating Collaborating and applying

INCURSION TOPIC		AUSTRALIAN CURRICULUM LINKS
 <h4>Wee and Me</h4> <p>Learn about the different organs that make up our digestive system in this fun and messy workshop where your students will get to track the journey from food to poo. Students will:</p> <ul style="list-style-type: none"> <li>✓ Learn about their urinary system and the role of each separate part</li> <li>✓ Do the job of a kidney and filter out what the body needs</li> <li>✓ Work like a researcher and conduct an experiment on how the liquids moves from your mouth and becomes wee</li> <li>✓ Communicate results and ideas</li> </ul>	Year 1	<b>Science Understanding</b> Biological sciences <b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modeling and analysing Evaluating Communicating
	Year 2	<b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modeling and analysing Evaluating Communicating Collaborating and applying

INCURSION TOPIC	RECOMMENDED YEAR LEVEL	AUSTRALIAN CURRICULUM LINKS
 <b>Get a Lung of this</b> <p>Discover the power of our lungs and make some slimy mucous to investigate how this affects kids with chronic respiratory illnesses. Students will*:</p> <ul style="list-style-type: none"> <li>✓ <b>Build a lung model to learn about how our lungs work</b></li> <li>✓ <b>Learn about chronic respiratory illnesses, such as asthma and cystic fibrosis</b></li> <li>✓ <b>Make slimy mucous to investigate how this affects your breathing</b></li> </ul> <p>Explore some of the research work happening in the area of respiratory health.</p>	<b>Year 3</b>	<b>Science Understanding</b> Biological sciences <b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying
	<b>Year 4</b>	<b>Science Understanding</b> Biological sciences <b>Science Inquiry Skills</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying

INCURSION TOPIC	RECOMMENDED YEAR LEVEL	AUSTRALIAN CURRICULUM LINKS
 <b>Meet a Researcher</b> <p>Meet a researcher allows your students to find out what a career in science and STEM really looks like from one of The Kids real-life researchers. Each excursion workshop includes a talk on the researcher's journey, what their current research is and a small hands-on activity to demonstrate their research. Each presentation will be unique to your class:</p> <ul style="list-style-type: none"> <li>✓ <b>Learn about the researcher's journey</b></li> <li>✓ <b>Hear about their research</b></li> <li>✓ <b>Complete an activity that relates to the research</b></li> </ul>	<b>Year 5</b>	<b>N/A</b>
	<b>Year 6</b>	<b>N/A</b>

INCURSION TOPIC	RECOMMENDED YEAR LEVEL	AUSTRALIAN CURRICULUM LINKS
 <h2>Germs</h2> <p>Students will discover the world of germs through two different experiments that will showcase how germs grow and how good they are at sanitising their hands. Students will:</p> <ul style="list-style-type: none"> <li>✓ Learn all about germs, the different types and what we can do to protect ourselves</li> <li>✓ Make a hypothesis about what they think will happen in their experiment</li> <li>✓ Work like a researcher by conducting an experiment to grow germs on bread. Teachers can continue the experiment in class if they want or students can take their bread home to continue their experiment.</li> <li>✓ Conduct an experiment to see how good they are at applying hand sanitiser</li> </ul>	Year 3	<b>Science Understanding</b> Biological sciences <b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying
	Year 4	<b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying
	Year 5	Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying
	Year 6	<b>Science Understanding</b> Biological sciences <b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying

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 <h2>How Sweet It is!</h2> <p>Investigate the role of sugar and insulin in our bodies, and how they affect people with diabetes by measuring the level of glucose in sugary drinks. Students will*:</p> <ul style="list-style-type: none"> <li>✓ Investigate why “Insulin is Key!”</li> <li>✓ Work like a researcher by conducting a simple experiment to measure the glucose in various drinks</li> <li>✓ Record and communicate the results of their experiment</li> <li>✓ Learn about technologies that assist people with type 1 diabetes</li> </ul>	<b>Year 3</b>	<b>Science Understanding</b> Biological sciences <b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying
	<b>Year 4</b>	<b>Science Understanding</b> Biological sciences <b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying
	<b>Year 5</b>	<b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying
	<b>Year 6</b>	<b>Science Inquiry</b> Questioning and predicting Planning and conducting Processing, modelling and analysing Evaluating Communicating Collaborating and applying



For more information or any other enquiries, please contact us at [schools@thekids.org.au](mailto:schools@thekids.org.au).

We hope The Kids Research Institute Australia will be coming to your school soon!