Telethon Kids Discovery Centre

2022 Excursion Program

Located on the ground floor at the northern entrance of the Perth Children's Hospital, the Telethon Kids Discovery Centre is a fun and interactive space full of games designed to get kids excited about science, health and research. Our primary school program provides a chance for students in Years 3 - 6 to visit the Telethon Kids Discovery Centre for an excursion, interact with a real-life Telethon Kids researcher and see STEM subjects come to life, as they are applied to life-saving medical research.

Topics on offer for our 2022 Excursion Program:

EXCURSION TOPIC	RECOMMENDED YEAR LEVEL	AUSTRALIAN CURRICULUM LINKS
Delicious DNA Explore the world of DNA through a hands-on activity where your students will extract the DNA from strawberries. Students will*: ✔ Learn about the role of DNA in living things ✔ Name the components that make up DNA, including learning about the base pairing rule ✔ Work like a researcher by following precise instructions for DNA extraction ✔ Explore some of the real-life reasons why our researchers extract and study DNA	**Years 5 – 6**	**Science Understanding** ❯ Biological sciences ❯ Chemical sciences **Science Inquiry Skills** ❯ Questioning and predicting ❯ Planning and conducting ❯ Processing and analysing data and information **Science as a Human Endeavour** ❯ Use and influence of science
How Sweet It is! 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*: ✔ Investigate why "Insulin is Key!" ✔ Work like a researcher by conducting a simple experiment to measure the glucose in various drinks ✔ Record and communicate the results of their experiment ✔ Learn about technologies that assist people with type 1 diabetes	**Years 3 – 6**	**Science Understanding** ❯ Biological sciences ❯ Chemical sciences **Science Inquiry Skills** ❯ Questioning and predicting ❯ Planning and conducting ❯ Process and analysing data and information ❯ Communicating **Science as a Human Endeavour** ❯ Use and influence of science **Health: Personal, Social and Community Health** ❯ Being healthy, safe and active
Get a Lung of this Discover the power of our lungs and make some slimy mucous to investigate how this affects kids with chronic respiratory illnesses. Students will*: ✔ Build a lung model to learn about how our lungs work ✔ Learn about chronic respiratory illnesses, such as asthma and cystic fibrosis ✔ Make slimy mucous to investigate how this affects your breathing ✔ Explore some of the research work happening in the area of respiratory health	**Years 3 – 4**	**Science Understanding** ❯ Biological sciences **Science Inquiry Skills** ❯ Questioning and predicting ❯ Planning and conducting **Science as a Human Endeavour** ❯ Use and influence of science

*Each excursion topic also includes time to explore the interactive games in our Discovery Centre and a guided tour of a real-life working lab.

For more information or any other enquiries, visit our **website** or send us an **email**.

We hope to welcome you on an excursion to Telethon Kids Institute soon!