



# Year 6/7: Researchers to the Rescue Teacher Information Booklet

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## About the Perkins

### About the Perkins

The Harry Perkins Institute of Medical Research, commonly known as The Perkins, is the largest medical research institute in Western Australia working on diseases such as cancer, diabetes, heart disease, and rare genetic diseases.

With over 250 researchers located in three hospital campuses, the Perkins is uniquely positioned to fast track the development of new discoveries and treatments. Researchers at the Perkins are driven to find new ways of diagnosing and treating diseases.

### About the Lotterywest BioDiscovery Centre

The Lotterywest BioDiscovery Centre connects students, teachers, and members of the community to the world of medical science and the research happening at the Perkins. Through school visits, community events, and educator resources, we are dedicated to ensuring all Western Australians become more active participants in medical research.

### Where to find us

We are located in Nedlands at **6 Verdun St, Nedlands 6009**. See the map below.

### Bus parking

Bus parking is organized through QEII parking. Should you require to park your school bus for the day please contact:

- [Nicolette.Staal@health.wa.gov.au](mailto:Nicolette.Staal@health.wa.gov.au),
- [Qeii.parking@health.wa.gov.au](mailto:Qeii.parking@health.wa.gov.au)

Or alternatively, call on: (08) 6457 7248



## Parking Map





## About your Session

### Research at the Perkins

Researchers are always looking for accurate information. To do this, they do just what their name says: search for answers again and again, until they are confident in their results.

Research is the process of solving problems and finding facts in an organised way. It is carried out using what is known or not known and building on it. New knowledge can be gained by supporting or disproving existing knowledge, and by trying to better explain observations. This process is called the 'scientific method'.

### What this session covers

Students are immersed into the world of science through a fun investigation centred around problem solving in a researcher's world. They will discover how technology and engineering have allowed medical scientists to venture into the human body.

This hands-on experience teaches students how to apply scientific methods and use one of the most important tools known to life scientists today: the micropipette. Armed with their problem-solving skills, LED microscopes, the micropipette and their research information skills, your students will be challenged to solve our mystery.

Year 6/7 Science Curriculum	
Science as a Human Endeavour	Science Inquiry Skills
<b>AC9S6H01:</b> examine why advances in science are often the result of collaboration or build on the work of others	<b>AC9S6I05:</b> compare methods and findings with those of others, recognise possible sources of error, pose questions for further investigation and select evidence to draw reasoned conclusions
<b>AC9S7H01:</b> explain how new evidence or different perspectives can lead to changes in scientific knowledge	<b>AC9S7I01:</b> pose investigable questions to identify patterns and test relationships and make reasoned predictions





## Terms and Conditions of Booking

### Price

Visits are priced at \$20 per student for a group of 20 or more. For a group of less than 20 students, a minimum fee of \$400 applies. Feel free to contact the education team to organise school sharing opportunities.

For bookings over multiple days, each day will be priced independently.

Once your booking has been confirmed, a \$100 per session booking fee will be issued within 10 business days. For bookings in the next calendar year, this booking fee will be issued in the new year, unless requested otherwise.

### Numbers

At the time of making your booking, provide an estimate of the number of students that will be attending. You will be emailed a reminder two weeks before your visit to confirm student numbers.

It is the responsibility of the organising teacher to confirm final numbers at least one week prior to their booking. A decrease in the number of participants will not be accepted after this point and schools will be invoiced accordingly.

### Photo Consent Policy

The Harry Perkins Institute of Medical Research may use photos taken during the session for publicity purposes unless otherwise agreed upon. The school can opt-out of this arrangement through the booking confirmation form, or through written notice to the education team at any time before or after the excursion.

### Timing

Sessions run from 10:00 am - 12:00 pm, or 1:00 pm - 3:00 pm. Alternative times must be arranged ahead of the session.



## Cancellation Policy

The Lotterywest BioDiscovery Centre at the Harry Perkins Institute for Medical Research requests one month's notice for the cancellation of a school's booking. If this notice is not given, the school will be charged at 50% of the original cost of the excursion or session.

Cancellations will not be accepted with less than one week's notice.

## Shared Classes

If the total number of students in a shared class drops below 20, all schools attending that day will split the \$1000 minimum fee proportionally to the number students attending.

## Duty of Care

School staff are to always remain with students. Staff at the Harry Perkins of Medical Research do not hold duty of care over school students and are not responsible for personally caring for students. Should there be any attendee with a medical condition, disability, mobility issue or special learning requirements, the school is required to attend with two adults who can accept responsibility for duty of care.



## On the Day

### What your students need to bring

Students must bring their own food and drink. Pens and workbooks are provided.

**Note:** On-site cafés are not accessible for students or staff during their visit.

### PC2 Compliance

All teachers and students must comply by expectations for our Physical Containment Level 2 (PC2) as set by the Institutional Biosafety Committee (C-IBC). This means students and staff must wear fully enclosed shoes, and all hair/fringes tied back and off face. Phones, bags, food or drink (including water) are not permitted in the PC2 lab area.

### Working With Children Check Confirmation

It is a condition of employment at the Lotterywest BioDiscovery Centre that all demonstrator staff have a current Working With Children Card.