

The Amazing HUMAN BODY EXHIBITION

FAMOUS DISPLAY OF REAL HUMAN BODIES



TEACHER'S RESOURCE KIT

Resource Kit Contents:

- * Letter to Teachers
- * Student Permission Form
- * Frequently Asked Questions
- * Exhibit Overview & Summary
- * Venue Risk Assessment

Teacher Preparation:

- * Read the Letter to Educators
- * Photocopy the Student Permission Form and distribute to your class
- * Discuss various areas of anatomy that your class should focus on
- * Learn more about the Plastination technique at www.amazinghumanbody.com.au

During your visit:

- * Use your Exhibit Overview & Maps as a guide to the exhibition
- * Seek out exhibition guides & volunteers to assist with questions
- * Please feel free to leave comments in the visitor's book

The Amazing HUMAN BODY EXHIBITION

FAMOUS DISPLAY OF REAL HUMAN BODIES

Dear Teacher,

The Amazing Human Body Exhibition is an eye opening journey through the inner workings of the human body, revealing the intricacies of the skeletal, muscular, nervous, respiratory, urogenital, cardiovascular, digestive and respiratory systems. Featuring over 400 anatomical specimens, including 18 aesthetically posed whole body specimens including transparent vertical & horizontal slices.

The exhibition demonstrates the value of a healthy lifestyle and the physical consequences of harmful habits. It also aims to educate in a fascinating way - side by side comparison of healthy & diseased specimens vividly highlight how lifestyle choices affect the body. The extensive range of specimens, together with informative audio - visual presentations show how the body works when it is healthy and how it fails in disease or injury.

It is a requirement that all students visiting *The Amazing Human Body Exhibition* receive permission from their parents to view the exhibition.

The enclosed permission form is to be distributed and collected from all students before attending the exhibition. By entering the exhibition with your students, you are acknowledging that all of their parents have given them permission to view the exhibition. The organisers will not be checking permission forms, but will trust that teachers have obtained all relevant parental/guardian permission.

The Organisers

The Amazing Human Body Exhibition

Australian Tour - 2007

The Amazing HUMAN BODY EXHIBITION

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Dear Parent/Guardian,

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Important information to know:

- * The specimens in the exhibit come from voluntary body donors who agreed that upon their death, their bodies could be used in this method.
- * The whole body specimens are without skin so bones, muscles, tendons, nerves, blood vessels & organs can be observed and studied closely. Eyes & genitals of the bodies remain. Written descriptions accompany the majority of specimens.
- * Plastination is a process that replaces natural body fluids with special plastics. The resulting preserved specimens are odourless and completely dry. Plastination allows the bodies to be fixed into life-like poses, illustrating how our bodies are structured and how they function when performing everyday activities.

To learn more about the exhibit and to find the answers to some frequently asked questions, please visit our website at www.amazinghumanbody.com.au. After viewing the exhibit, it is likely your children will want to discuss this exhibition with you.

The AMAZING HUMAN BODY requires that all students on visits to the exhibition receive permission from their parents. By signing this form, you are acknowledging that your child has permission to view the exhibit with a teacher or another representative from your child's school. If you do not wish your child to see this exhibition, please do not sign this form.

I give _____ (print your child's name)
permission to view **The AMAZING HUMAN BODY EXHIBITION** currently held at
Waterfront City Pavilion, Melbourne Docklands.

Parent/Guardian Name (please print) _____

Parent/Guardian Signature _____

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Frequently Asked Questions For Educators

What is THE AMAZING HUMAN BODY EXHIBITION?

The Amazing Human Body Exhibition is a first of its kind exhibit in which guests learn about anatomy, physiology and health by viewing real human specimens, preserved through an amazing method and scientific technique called “plastination.” The exhibition features more than 400 authentic human specimens, including whole bodies as well as individual organs and transparent body slices. Body specimens are preserved through a technique called “plastination” where natural fluids are replaced with special plastics that enables observation of many organs & systems under our skin.

The exhibition aims to inform the public about the value of healthy lifestyle choices and the consequences of harmful habits. Side by side comparative display of healthy & diseased specimens - with various ailments caused by smoking, cancer and high blood pressure will graphically illustrate this point.

To date, over 20 million people worldwide have seen such similar exhibitions. For many years innumerable approaches have been made by educators and public health promoters to bring such an exhibition to Australia. After much consideration, the owners of the display have included Melbourne for the first time as part of the Australian Tour!

How is the Exhibition organised?

As you take a self-guided tour through The Amazing Human Body Exhibition, you can explore one body system at a time including the locomotive, nervous, respiratory, cardiovascular, digestive and reproductive systems. Whole body specimens are included throughout the exhibition to show how these systems fit and function in real human bodies. Informative audio-visual presentations show how the body works when it is healthy and how it fails in disease or injury.

Couldn't I learn just as much from books or models of Human Anatomy?

Until now this type of real anatomical detailed display was the sole exclusive domain of medical students & practitioners. Extreme care and professionalism have been exercised in the preparation and production of each specimen during the process of plastination. A thin slice could take a few days processing time, while whole body specimens may take weeks.

Authentic specimens of this detail and caliber cannot be emulated in photos and textbooks. It is also an established fact that people relate better to real specimens (such as the plastinates) rather than man-made artificial models.

What is Plastination?

Plastination is a modern scientific technique of preserving and replacing body tissues with plastic polymers while retaining the structure of tissues. Invented by Dr. Gunther von Hagens, the plastination process replaces the natural fluids in the body with reactive plastics that are initially pliable, but then harden after infusion. By hardening these plastics the specimens may be fixed into life-like poses, which illustrates how our bodies respond internally to everyday activities. The plastination process of each specimen can take many thousands of “man-hours” and therefore the specimens are very valuable and expensive.

Plastination ensures that all pathogens, bacteria & viruses that may occur in a body are totally destroyed leaving a perfectly sterile & safe specimen for educational purposes. All body fluids & fats are completely removed and replaced with plastic.

How many plastinates are in the Exhibition?

The exhibition features more than 400 authentic human specimens including 18 aesthetically posed whole body specimens along with individual organs and transparent body slices.

Where did the specimens on display come from? Will we know personal details about the specimens?

The specimens in this exhibition are from voluntary body donor-individuals who bequeathed that upon their death, that their bodies be used in this exhibition for educational purposes. In making their donation, these voluntary donors agreed that all aspects of their identities, including age and cause of death remain confidential. The exhibition focuses on the nature of our bodies, not on providing personal information about others.

Why are the plastinates posed the way they are?

The poses of the plastinates have been carefully thought out to illustrate different anatomical & physiological features. The poses also help students relate the plastinate to their own body. For example, the “Chess Player” is posed to illustrate the body’s neurological system. The other athletic poses illustrate how muscle systems function while playing sports.

Is this Exhibition appropriate for children?

Over 20 million people have experienced such similar exhibitions worldwide, including millions of children and school kids. Due to the sensitive nature of this exhibition, ***The Amazing Human Body Exhibition*** requires that children under 14 be accompanied by a responsive adult, parent, guardian, teacher or school official. There may be displays in the exhibit that adults will wish to explain to children in their care.

Unaccompanied children will not be allowed into the exhibition.

Is this Exhibition appropriate for school visits?

In all locations around the world where similar exhibitions have been held, they have been extensively attended by school groups, students and their families. Educational & health authorities recommend this exhibition for children 7 years old & up while requiring that teachers obtain permission from a parent or guardian of each child to view the exhibition. It is the responsibility of the school to ensure that permission has been obtained.

Due to the large number of school groups that will be attending the exhibition, it will be necessary to book attendance dates & times. This can be done by contacting Ticketmaster Group Bookings - Ph: (03) 9685 2477 Fax: (03) 9256 8864

Regarding transport, there will be a loading zone and a bus drop off area for coaches & buses carrying school groups.

All booked student groups attending will receive an Acoustiguide audio tour of the exhibition included in the ticket price.

What are the hours of the Exhibition?

The Amazing Human Body Exhibition opens in Melbourne on Saturday, June 30, 2007 to Monday, October 1, 2007.

The Exhibition will be open from 10am to 5pm (last entry 4pm) daily with special extended sessions on Fridays until 8pm (last entry 7pm). Special out-of-hours viewing times offered on a regular (advertised) basis together with special functions and public lectures by invited public health & scientific experts.

How long does it take to see the Exhibition?

Past experience has shown that it typically takes about 2 hours to view and take in information of the Exhibition. Some school and special interest groups have taken many more hours viewing and examining the fascinating displays. It is not uncommon for art classes & artists to spend several days sketching and analysing the human form in a way that is normally never possible.

How much does it cost to see the Exhibition?

Pricing has been set to be affordable and reasonable. School groups will receive significant discounts on the admission price and accompanying teachers will be admitted free of charge (maximum - 1 per 15 students).

Please see the website www.amazinghumanbody.com.au for details & prices. To avoid long queues and possible waiting, tickets can be purchased in advance through Ticketmaster or The Amazing Human Body Box Office - Ph: (03) 9602 5620

Is the Exhibition accessible to people with disabilities?

Absolutely, the venue is all on one level and there is ramp access throughout the precinct and to the carparks.

Can I take photographs or film in the Exhibition?

It is a condition of entry that visitors understand that photography & filming are strictly prohibited, except by approved & credentialed members of the media. This includes the use of mobile phones with cameras. We thank you for your understanding. Food & drink (except bottled water) are also prohibited.

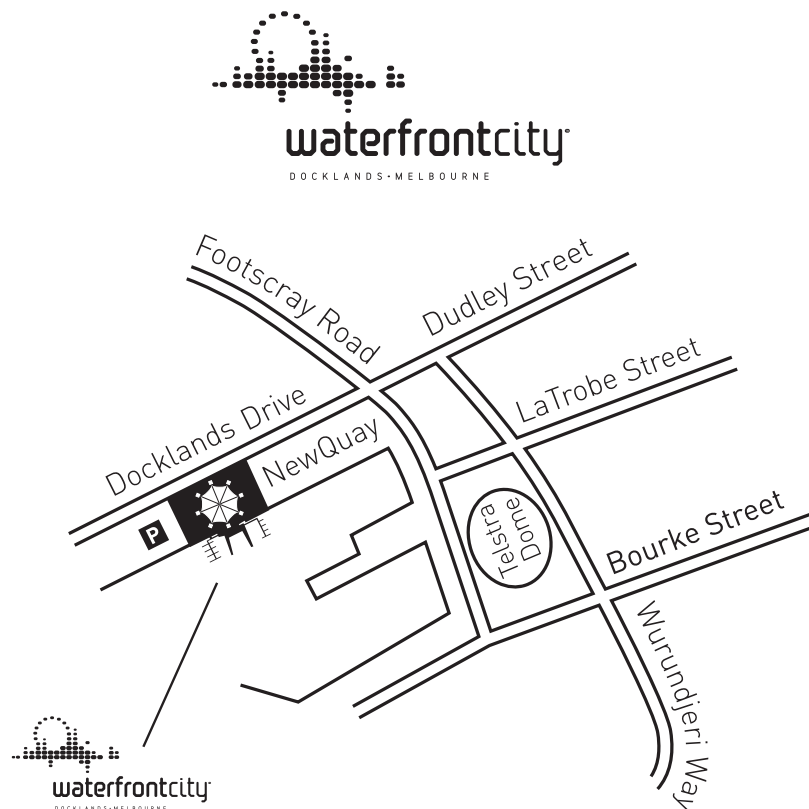
What other materials are available for Educators?

There are several items available for purchase, including a catalogue and other materials in the shop located in the Exhibition.

All students & teachers attending the exhibition as part of a "school group" booked through Ticketmaster or The Exhibition Box Office will receive complimentary electronic audio guide and headset to further enhance their visit to the Exhibition.

Work Sheets - please note:

Following experiences in other states of Australia, the organisers recommend that Work Sheets *not* be undertaken at the Exhibition. It has been found that the experience of attending the Exhibition and listening to the audio guide is far more beneficial to the students and is far less disruptive to other visitors to the Exhibition. However, the decision to use worksheets is left up to individual schools.



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Exhibition Overview

As you take a self-guided tour through the Exhibition, you can experience anatomy step by step, exploring one body system at a time. Whole body specimens are included throughout the Exhibition to show how the systems fit in real human bodies. Use this outline to guide you through the Exhibition.

To help you plan your day, please note that on average, guests spend about 2 hours in the Exhibition. Here's what you'll see.

Introduction

Find out about what *The Amazing Human Body Exhibition* is all about, including information on how bodies are donated.

Locomotive System

See what body parts work together to make us move, like the skeletal system, muscles & ligaments. See real specimens in action poses, like the archer shooting his arrow.

Digestive System

Learn how our bodies take in and process food plus how it gets rid of waste. In this area, you'll also see bodies in action poses.

Cardiovascular System

Examine the heart, veins, capillaries & arteries. Learn how they fit and work together. See the amazing cast of the intricate & delicate blood vessels in the human arm.

Respiratory System

Look into the lungs to see how we breathe, see close up the effects of smoking on lung tissue!

Nervous System

Study the nerves, brain & spinal cord as they appear on their own and in real bodies, such as a chess player.

Urogenital System

See the way the body eliminates waste from the body using the kidneys and the difference between male & female reproductive systems.

Special Exhibits

Observe additional life-like posed whole body plastinates in addition to the amazing horizontal, sagittal & coronal slices!

EMERGENCY PROCEDURES

EMERGENCY TELEPHONE NUMBERS



For All Emergency Services
Dial 000

P

POLICE



FIRE



AMBULANCE

BOMB THREAT PROCEDURES

- Keep Calm
- Keep the caller on the line as long as possible
- Record exact wording of the threat
- Listen carefully for any background noise, accents or speech mannerisms
- Report Call to: Police 000
Centre Management
Phone: 9670 2411 or
 - Security: 0417 666 566

DO NOT Hang Up The Phone

IF YOU DISCOVER A FIRE...



Contact the Fire Brigade
Dial 000

- Advise those in immediate danger
- Evacuate as necessary.
- Advise Emergency Services, location and any other information.
- Advise Centre Management, if safe to do so. Phone: 9670 2411 or Security: 0417 666 566

EVACUATION PROCEDURES

On hearing an Alert Tone, **BEEP, BEEP**, prepare for possible action, listen for public address announcements.

On hearing an Evacuation Alarm



Whoop.. Whoop.. Whoop..

Or on being instructed to evacuate by the public address system

- Direct staff to leave the tenancy via the nearest safe fire exit.
- Follow Warden's instructions
- Assemble staff at the designated Assembly Area.

Your Assembly Area Is:
Corner Docklands Drive & Dopel Way
Corner Docklands Drive & Pearl River Road

For the safety of yourself and others

Know the location of the nearest

- Emergency Fire Exits
- Fire Hose Reels
- Fire Hydrants
- Fire Extinguishers