HOLOPOGSCHPUS

Exhibition Guide

DESIGNED AND PRODUCED BY



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EXHIBITION OVERVIEW

Step back in time to when dinosaurs reigned supreme, using concepts of palaeontology and forensics to learn how dinosaurs lived in Explore-a-saurus. Through exciting interactive experiences, you'll discover what dinosaurs ate and how fast they ran, what colour they may have been and how they cared for their young.

Meet moving and roaring animatronic versions of some of the world's most famous dinosaurs including Tyrannosaurus Rex, the King of the Cretaceous Period, and Muttaburrasaurus, one of the most complete dinosaur skeleton specimens ever found in Australia. This exciting and interactive exhibition links visitors to the evolution of our planet through STEM themes (science, technology, engineering and maths).

Use biology to discover what made dinosaurs thrive in their environment for so many millions of years or use maths skills to test the strength of a T-rex bite. Engineer pipe trumpets to replicate dinosaur sounds and investigate the technology that make our animatronic dinosaurs move and roar.

Visitors will be captivated and surprised as they explore life on this planet many millions of years ago.

VISITOR APPEAL

Explore-a-saurus has been developed to engage children aged between 5 – 12 years and their families, although the exhibition provides a broader appeal to fascinate and inform people of all ages.

Different exhibits will appeal to different ages with Dinosaur Dig and Paint-a-saurus capturing the attention of primary school groups, while secondary school students can test their strength against the Might of a T-Rex bite or use problem solving skills in Track-a-saurus.

Family visitors can work together to control Robo-saurus and see how dinosaurs became extinct in the theatrette.

Visitors will be captivated by the collection of animatronic dinosaurs that move and roar in replica settings of their prehistoric environment. Great opportunities exist for media exposure and sponsorship, as Explore-a-saurus taps into the eternal fascination of life on Earth, millions of years ago.

Key Messages

- 1. Palaeontologists use evidence to find out about dinosaurs
- 2. We can use scientific method to work out how dinosaurs lived
- 3. Animals are adapted to their environments

EXHIBITS



Animatronic Dinosaurs

Come face to face with a Triceratops, Muttaburrasaurus, Maiasaura, Stegosaurus, Apatosaurus and Tyrannosaurus Rex.

Science Links: Palaeontology, Biology, Evolutionary Biology





Dinosaur Hide and Seek

Put on the cloaks and try to camouflage yourself against different backgrounds.

Science Links: Biology (adaptations)







Might of a T-Rex Bite

Step inside the jaws of a T-Rex and see how strong you are.

Science Links: Biology, Physics (forces)

Dinosaur Dig

Be a paleontologist and dig through the 'dirt' to see what you can uncover.

Science Links: Palaeontology, Biology



Insects Trapped in Time:

Examine the insects trapped in amber to learn about the environment the dinosaurs lived in.

Science Links: Palaeontology, Biology





Paint-a-saurus

Explore dinosaur colours by painting a dinosaur for camouflage or based on modern bird colouring.

Science Links: Palaeontology, Biology (adaptations), Scientific Method

Tone-a-saurus

Engineer and experiment with different tubes to see what sounds dinosaurs might have made.

Science Links: Palaeontology, Biology, Acoustics



How Did Dinosaurs See?

Look through the eyes of a dinosaur to find out how meat eaters and plant eaters see the world differently.

Science Links: Biology (adaptations), Palaeontology, Optics





Munch-a-saurus

Examine teeth, stomachs and fossil poo to work out what the dinosaurs ate.

Science Links: Palaeontology, Biology, Biochemistry, Scientific Method



Ancient Plants

Make a rubbing of a fossil plant and match it to the ancient plants. Science Links: Palaeontology, Botany, Evolutionary Biology



Dinosaur Eggs

Use your observation skills to work out which are eggs and which are rocks.

Science Links: Biology (reproduction), Scientific Method



Dinosaur Theatrette

Step inside and see how the dinosaurs became extinct and what palaeontologists have discovered millions of years later.

Science Links: Physics, Earth and Space Science, Climate Science, Palaeontology





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Trackasaurus

Can you analyse the fossil footprints to solve the mystery of what happened?

Science Links: Palaeontology, Scientific Method



Speedosaurus

Follow the dinosaur tracks to see how fast the dinosaur moved.

Science Links: Biology, Physics, Mathematics, Palaeontology



Quizasaurus

Test your knowledge of all things dinosaur.

Science Links: Palaeontology, Biology, Science Communication





Information contained in this guide was correct at the time of printing

Jigasaurus

Help rebuild a dinosaur from the bones that have been found.

Science Links: Palaeontology

EDUCATIONAL RESOURCES

Explore-a-saurus is accompanied by a School and Visitor Guide to assist teachers and family groups visiting the exhibition. Venues are free to use and modify this material to suit the curriculum in their area or the target audience, providing due acknowledgment is made of Scitech as the producer of the exhibition.

The exhibition covers the following areas of science:

- Palaeontology
- Biology
- Physics

Scitech will provide each venue with a sample program to run with visiting schools. Venues are free to use and modify this material to suit the curriculum in their area or the target audience, providing due acknowledgment is made of Scitech as the producer of the exhibition.

MARKETING

Explore-a-saurus has been designed specifically for children aged between 5 and 12 years old although the subject material and exhibit content will have broad appeal for both younger and older audiences.

Scitech will provide the following marketing materials to help each venue promote the exhibition:

- Exhibition photos and videos
- Exhibition logos
- Examples of advertising and promotional artwork
- Example of a media release

Explore-a-saurus will tour to other venues free of any specific sponsorship agreements, enabling host venues to link with a wide range of sponsors in the local market.

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TOURING ARRANGEMENTS

Explore-a-saurus consists of 22 interactive exhibits with accompanying inbuilt, durable graphic panels that outline instructions for the visitor and relate interesting science facts in everyday terms.

SPACE AND HEIGHT

- Fits an exhibition space of approximately 400 600 square metres (4,300 6,500 square feet) in flexible configurations
- Minimum ceiling height requirement for the exhibition is 3 metres (10 feet), although 4 metres (13 feet) is optimal
- Minimum entry and exit points for installation is 2.7 x 2.7 metres (9 x 9 feet) The exhibition will travel in two 40-foot sea containers, inclusive of spare parts and equipment

POWER AND AIR

- Exhibits are powered by a standard 120v/240v electricity supply and are designed to accept power from the ceiling or the floor
- Some exhibits require 24 hour power to prevent damage to the projectors A licensed electrician will need to be supplied by the host venue to assist with the
- exhibition installation
- The exhibition is completely self-contained





Negotiations with individual venues will be conducted to determine the appropriate fee structure for the exhibition period.

TRAINING AND MAINTENANCE

Scitech will provide the host venue's exhibition and visitor staff with a full briefing on exhibit operation and maintenance, as part of the exhibition installation. The exhibition does require some simple maintenance which needs to be carried out on a daily basis. A full list will be provided in the exhibition manual.

Scitech will provide:

- The exhibition as outlined in the Contract
- Transit insurance
- An exhibition supervisor to coordinate the installation and dismantling of the exhibition
- Replacement parts through normal wear and tear
- Education and marketing material

The host venue will provide:

- A team to assist the installation and dismantling of the exhibition
- Replacement exhibit consumables as required
- 24 hour physical and/or electronic security of the exhibition
- Any special requirements (scaffolding, forklifts, trolleys etc.) specified in the Contract

CONTACT DETAILS

Jason Poletti

Chris Shirley

Phone: +61 8 9215 0700 Mobile: +61 417 969 466 Email: Jasonp@scitech.org.au

Scitech PO Box 1155, West Perth Western Australia 6872

www.scitech.org/exhibition-rental





Phone: +61 8 9215 0700 Mobile: +61 415 370 617 Email: chris.shirley@scitech.org.au

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