

## Sally Hurst

Science Communicator - Palaeontologist - Archaeologist - Researcher - Museum Presenter

sallyhurst.com.au

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## Hi, I'm Sally.

I grew up on a farm in a small rural community in NSW. I was one of two girls in my class in primary school, and in such a small town, there was a real lack of role models and inspiration for future careers.

So, I'm trying to change this, and give students around Australia exposure to all of the incredible opportunities out there in STEM - and dinosaurs and ancient Egyptians tend to be an excellent gateway to engaging students in science!



After finishing high school in Goulburn, NSW, I moved to Macquarie University, Sydney, to study palaeontology (think fossils and dinosaurs!) and Ancient Egyptians archaeology. I then completed my Master of Research in Science, which focussed on palaeontology, archaeology, and science communication to the public.

Alongside my studies, I've had extensive experience working as a presenter and educator with institutions such as the Australian Museum, National Indigenous Science Education Program, National Dinosaur Museum, Macquarie University, and Skype a Scientist have contributed to my extensive experience creating school programs and interacting with students and audiences of all ages, stages, and backgrounds!

Talking to students about my journey into my STEM, and the incredible experiences I've had along the way is a fantastic way to open up their minds to careers and possibilities they may have never considered for themselves before.



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## Why Me?

#### Well if she's doing it, maybe I can too.

How many female scientists can you name? How many have you actually met?

It's difficult to imagine yourself doing something if you've never seen anyone else doing it. This is a message that drives my passion for interacting with students and showcasing all of the amazing opportunities possible for them in future.

I want to share my experiences of being a woman in STEM, growing up in a rural area, exploring Egyptian tombs, diving with sharks and shipwrecks, and digging up dinosaurs - demonstrating that STEM can be an incredible gateway into an epic future.



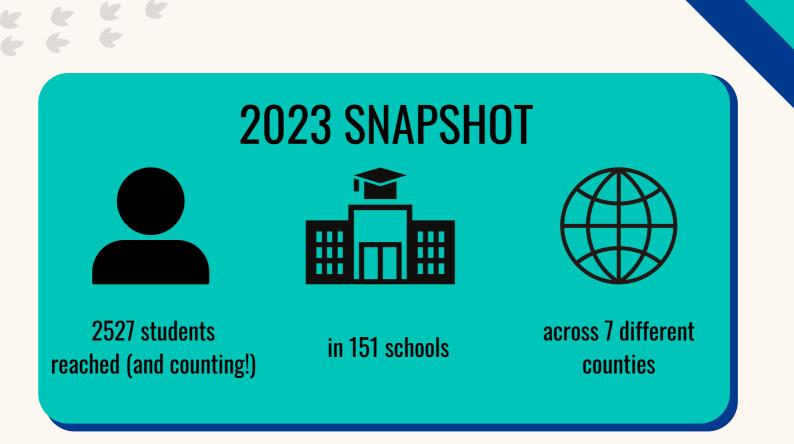


## What Do I Offer?

School presentations are available for K-12 classes, and are custom-created for every school, based on the topic, curriculum content, and questions of your choosing!

Topics can include dinosaurs, fossils and palaeontology, archaeology, ancient history, Ancient Egyptians, megafauna, careers in STEM, women in STEM, university pathways, and more!

Programs are inquiry-based and interactive for students, and can include personalised lessons about your content, interactive gamified activities , and Q & A time for students.



#### SCHOOL GROUPS

## 2024 PRICE LIST

I love having the opportunity to connect with new students and share my passion to the future generations of STEM leaders at your school. When you book an in-person Assembly package with us for the first time, we offer an introductory rate with a 30% discount from our typical prices!

#### WHOLE SCHOOL ASSEMBLY OR EVENT

#### <del>\$1000</del> **\$700**

Groups of 100+ people 10 mins to 1 hour presentations (in person) Keynote Talks - Guest Speaker Custom Presentation & Content - catered to your assembly or event theme Travel Fees Apply

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# SCHOOL GROUPS

I love having the opportunity to connect with new students and share my passion to the future generations of STEM leaders at your school.

## LARGE GROUP

### \$500

Groups up to 60 Students 30 mins - 1 hour session Custom Presentation & Content Fossil Interaction Experience Additional time: \$15 per 30 mins Travel Fees Apply

## SMALL GROUP

\$350

Groups up to 35 Students 30 mins - 1 hour session Custom Presentation & Content Fossil Interaction Experience Additional time: \$15 per 30 mins Travel Fees Apply

#### ONLINE

## \$100

Online Meeting via Zoom or Teams Unlimited Student Numbers 30 mins - 1 hour session Custom Presentation & Content

#### NOTES

**GROUP BOOKINGS** - 20% discount if booking multiple groups on the same day

**GST** - GST is included in listed prices.

#### **TRAVEL COSTS**

Fuel costs - \$0.60 per km from Macquarie Park, Sydney Parking - at cost

#### **ON A BUDGET?**

Each school may have a different budget for activities, so if your school has a Index of Community Socioeducational Advantage (<u>ICSEA</u>) value of <1000, please get in contact directly and we can discuss partnerships available for your school.

## What Could My Session Look Like?

#### **Keynote Address**

For events or whole school assemblies, I can do a short or long talk around a theme such as leadership, inspiring careers, following your passions, or other topics of your choosing! These talks aim to be uplifting, inspiring, and empowering, so students go away believing in themselves and excited by the opportunities of the future.

#### **Class-led Discussion & Inquiry**

Before I arrive, you and your class can brainstorm questions you have about your topic. When you send me these questions, this will become the basis of the custom-made presentation I will create for you!

This is a great was to gague the existing knowldge of your class, and provide me with a base to build content to scaffold learning of your students.

#### Curriculum Content & Topic Learning

Once you've chosen your topic, and sent in your questions, I can tie in part of the content with the topics or syllabus outcomes your class if currently covering. This can include topics from animal features or habitats, to analysing historical sources, and anything inbetween!

#### **Interactive Learning**

Each presentation will have a section that focuses on how scientists learn about a topic - how we piece together clues to form hypotheses and analyse results. This interactive section gets students to propose theories based on selected evidence related to your topic.

#### Student Q & A

At the end of every session, students will have at least 10 minutes to ask any question they can think of! From questions about dinosaur poo, to the coolest thing I've found, the farthest place I've travelled, or what I would name a dinosaur, this is one of the best parts of the session!

#### Hands-on Fossil Display

I'll be bringing a select number of museum-grad replicas and real fossils for students to interact with on the day. This will usually involve a touch-table set

up at the end of the session.

\*May be time dependent.

#### **Topics**

- Pathways to university
- Careers and/or women in STEM
- Dinosaurs, fossils & palaeontology
- Megafauna
- Animal features & habitats (Prehistoric version)
- Ancient Egyptian archaeology
- Archaeological excavations
- How we learn about the past
- Museums

Topics listed are based around my personal experiences in fieldwork, research and teaching of these areas. If you have another topic in mind, get in touch and we'll talk about how we may include it.

## What kind of events can I do?



Science Week Experience - St. Marks Drummoyne



Science Week Experience - St. Marks Drummoyne



Fossil Touch Table - Gunning Public School



Skype a Scientist zoom session with London school





Year 10 Biological Diveristy program

# SH

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