



made by

*immersive theatre meets interactive science workshops  
for families with children aged 6+*

The Discovery Lab is a spaceship, and is the home to Kela, Orchi and Amar, travelling aliens on an earth exploration mission. They come in peace.

They are extremely invigorated by the amazing planet of Earth. Plants, bugs, clouds, why things float or the pH of lemon juice, the aliens find it all fabulously fascinating!

They're keen to learn more from you, the earth experts.

So pop along to their pop-up lab to investigate, explore, think and discover!

### **Session Information**

On arrival, families meet actors in role as aliens, who give them some context and establish that the participants are the 'Earth Experts'.

Open-ended free-flow exploratory tasks are on offer for the families.

These can be based on:

- biology** (e.g. seeking plants, insects),
- chemistry** (e.g. pH levels of food etc) or
- physics** (e.g. lightwaves, soundwaves)

The **physics** version works best **indoors**, the others work well **outdoors**).



*a biology-based discovery session in Hartcliffe, Bristol*

Families explore tasks at their own pace, there are extension activities if required, and the spaceship is furnished with information books and an iPad.

The aliens model curiosity and look up more information in a very organic way, based on the discoveries the participants have made.

Participants are encouraged to draw or write about their discoveries. These are pegged up around the spaceship.



## Session Information

The aliens take note of all the discoveries that have been made in the session (pegged up around the spaceship) and to help them remember the discoveries, they make up a brand new, often madcap story that features as many of the discoveries as possible.

Finally, the participants are then invited to think hard about their favourite discovery made during the session whilst wiggling their fingers in the direction of the spaceship. This ritual triggers a light show as LEDs on the spaceship flash and pulse, receiving power from the discoveries. Fully powered, the spaceship is ready to fly to its next discovery location.



Earth Experts explore biology



at a summer holiday discovery lab in Hartcliffe



Earth Experts explore pH levels



at the pop-up park, Calne

## Client testimonial

“ Wordfest brought The Discovery Lab to Calne Pocket Park in June 2021. It was a roaring success with around 60 young people taking part over the course of the day in family bubbles.

The performers were engaging and their blend of storytelling and science communication, differentiated to individuals enabled young people from around 2 - 12 to be a part of the show at their own level.

The performance element was very empowering as the alien characters in the show were not portrayed as experts, but needed the help, ideas and knowledge of the young people. The range of activities on offer meant all young people could all be involved and bring their own knowledge and expertise to the show.

”

## Participant Testimonials

“ I liked searching for nature and doing drawings for the aliens. ”

“ The aliens were funny and made us feel comfortable and welcome. ”

“ Such great energy and storytelling. Very interactive and accessible. ”

“ The storytelling was joyful and exciting. Fun learning! Please come back. ”

“ We loved how the aliens brought everyone's discoveries into a story at the end. ”

“ It was awesome. The children were focused and engaged throughout. Different to anything we've done before. ”

## workshop costs

**Actor/facilitator fees:** £250 per day

Workshops require a **minimum** of **two** actor/facilitators (a third actor facilitator is needed for workshops with over 20 children participating)

Fees are based on **one day** of workshops.

Maximum number of sessions: 3 x 60 minute or 2 x 90 minute workshops per day.

**Travel:** dependent on location, calculated as 45p a mile. We travel in one vehicle.

**Materials:** depending on which version is booked, we may need to add on the cost of consumable science resources. These are negotiable.

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## The Discovery Lab: credentials



The concept of The Discovery Lab was first developed for summer of 2020, where sessions were trialled at outdoor play sessions for vulnerable young people in Hartcliffe, south Bristol on a scheme run by Learning Partnerships West.

We secured one-off funding from The Royal Society of Chemistry Outreach Fund to work with a theatre designer Bronia Housman to get the touring structure of a spaceship built. This funding also supported us to work with science education specialists Knapsack Productions.

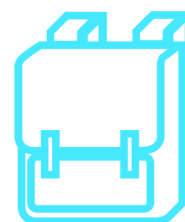
We developed the content of the biology, chemistry and physics sessions in consultation with Knapsack Productions, and this work was kindly supported by Pound Arts Centre, Corsham.

We developed the characters and the back story of the aliens in rehearsal sessions kindly supported by Hartcliffe Community Centre.

Brave Bold Drama are experienced arts educators. Our artistic director has a PGCE and a Masters Degree in theatre. She taught secondary drama for 13 years before setting up Brave Bold Drama. We have twice been awarded "Champion Centre" status between 2021-2023 by Trinity College London in recognition of our arts education work delivering Arts Award courses.



ROYAL SOCIETY  
OF **CHEMISTRY**



**Knapsack**  
productions

**Pound** Arts

**HARTCLIFFE**  
Community Centre and Social Club