



Starlab is our mobile, inflatable Planetarium that brings the stars to your school. Starlab can be set up in under 45 minutes and easily deflated to accommodate other uses of the hall during the day.

Little Stars (under 5's)

Get star struck in our Starlab show Little Stars. Join Ursa and Leo on their amazing journey through space and find out what they see. Pupils look at the Sun, Earth and Moon and the Solar System, Wonder at the stars and the patterns they make.

Space Stories (Key Stage 1)

Join Ernest the Bear as he sets out to visit the moon and discovers the planets and stars along the way. Space Stories is an interactive, multi-sensory Starlab show for Key Stage 1 children. Pupils will learn about stars and patterns of the stars, the Earth as a planet in space and other planets.

Exploring the Solar System (Key Stage 2)

Tackling difficult concepts is key to this presentation. Pupils observe the motions of the Sun, Moon and stars across the sky and think about how this relates to Earth's place within our Solar System. They will be challenged to make similar observations from the surfaces of other planets as well as gather an understanding of star constellations, light pollution and much more.

Space: Starlab requires 4.2m headroom, 7.5m x 7.5m floor space and 240v ac mains power supply.
Cost: £360 for 4 sessions a day + mileage

The Look Out On The Road

The Look Out On the Road is our educational outreach programme for KS1 and KS2 pupils linked to the national curriculum. It is designed to engage, stimulate and inspire pupils in your own school.

Challenge workshop: group size up to 35, duration 45 minutes, maximum 4 sessions per day. Suitable for years 1-6.
Challenge workshops introduce and engage pupils with the chosen topic through lively demonstrations, knowledge gathering and scientific investigation.

Challenge workshop:

Mars Mission Madness

A delicate spacecraft must land safely on Mars, without any damage. Can you design a Mars Lander suitable for the job? Investigate the properties and use of materials; forces; and the science behind everyday objects that might help inform which materials to use.



Bridge Builder

In this engineering challenge find out about different types of bridges and the materials used to make them. What forces constantly act on them and how can you make sure they are really strong? Work in groups using a range of materials to make the strongest bridge.

Solar Power Year 3-6

Can you harness the power of light? What sorts of gadgets are already powered by solar power and what are the advantages and difficulties of relying on this type of energy?

Waste Not, Want Not!

How "green" are you? How do you affect your local environment? What can you do to help it become more sustainable? This workshop looks at the types of waste we produce, how we can reduce waste by recycling and the effect this has on the local environment.

Story time (Years 1-2)

Story times are specifically designed to support Year 1 and 2 pupils' understanding of the curriculum in an exciting and fun way.

Smoggish

Captain Clean up, Reg Recycle, Zog the King of Rubbish and his pet Smoggish, all take children on a trip to the planet Gaia where they learn how recycling and reusing materials can help our environment. They also learn about the uses of a variety of materials, which materials can be recycled and what they can be recycled into.



Maths Kit Years 3-6

Bring The Look Out exhibition to your classroom! MATHS KIT has 11 specially designed table-top activities that are perfect for recreating The Look Out experience at your school. By encouraging scientific enquiry and problem-solving the MATHS KIT covers areas of the National Curriculum for maths in a fun and engaging way. Activities allow you to experiment with numbers, shape, space, measurement and handling data.

Book The Look Out On The Road to receive 25% off the ticket entrance if your school visits The Look Out Discovery Centre.

AT YOUR SCHOOL

Key Stage 1 and 2 Shows: group size 35, duration 45 minutes, maximum 4 shows per day.
Our inspiring presenter-led shows aim to encourage pupils to enjoy science through lively demonstrations, active questioning and pupil participation.

Fun Shows

Slime Show

Fantastic fluids are centre stage in this gooey extravaganza of science. Explore the amazing properties of slime and find out why it behaves in such strange ways. Discover the secrets of making your own home-made slime!

Yucky You

Ever wanted to know why bogeys are green, where your food goes and what causes you to burp? A truly yucky show that answers all the questions you were afraid to ask. Great for the end of term!

Maths Detective Show Years 5-6

A mysterious burglary leaves detectives baffled. Help investigate aspects of the crime using graphs, timetables, eyewitness accounts and re-enactments to provide mathematical clues to the burglar's identity.

Brain Drain

Discover the wonders of your very own brain in this fascinating show. Why do you remember things? How does your brain control co-ordination and how can you fool it with optical illusions and tricks.

Dinosaur

Discover more about the world of dinosaurs, who ate who, what did a T-Rex smell like (yuck!), what were their habitats like and much more.

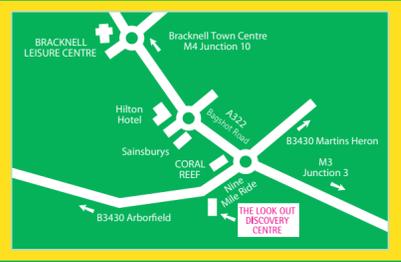
Bugs and Beasties show

From May- September, we can bring a great Bugs and Beasties session to your school. We provide the bug pots and sweep nets, introductory talk to the children about insects and more!



Workshops and Shows
Cost: £295 for 4 sessions + mileage

Planning your visit...



Opening times
Open daily from 10am-5pm except 24-26 December 2014. Closed from 12-16 January 2015 for training and maintenance works.



Book early to avoid disappointment!
Make an enquiry or school booking:
• 01344 354000 Monday - Sunday from 10am-5pm and ask to speak to the Duty Manager
• Payment in full is required a month in advance. You will only be charged for who comes on the day and refunds will be given if necessary on the day
• The Look Out Discovery Centre, Nine Mile Ride, Bracknell, Berkshire, RG12 7QW, thelookout@bracknell-forest.gov.uk

Parking
There is a free ten minute drop off and pick up for coaches or an onsite pay and display car park.
Accessibility
Free admission for dedicated carers. Full wheelchair access throughout the exhibition with the exception of the 22m high tower. Assistance dogs welcome. Hearing loops in seminar room and reception area.

Special Educational Needs
The Look Out is committed to supporting visits for those with Special Educational Needs. Please call for further details and discuss any needs when booking.
Picnic Area
Outdoor picnic areas are available. Undercover areas are allocated in event of wet weather. Subject to availability.

www.facebook.com/thelookoutdiscovery

Extra activities...



We have a huge range of activities that make use of our fantastic outdoor environment. Enhance your visit with:

- Adventure play areas for 3-11 year olds and an all ability play area
- Walks and trails through the forest
- **New for 2014 - exciting explorer journals for 4- 12 year olds**
The journals involve following a map with lots of fun activities to do in the woodland and ideas for at home afterwards. Themes include: navigation, animals, trees and plants and crafty, £1.95 each. Requires pen/pencil
- Orienteering maps and a map of the forest. £1 each
- 1000 hectares of Crown Estate woodland
- Badge making 75p or make a keyring, mirror or fridge magnet for £1.25



www.bracknell-forest.gov.uk/thelookoutdiscoverycentre

Great value for money...

The Look Out Discovery Centre offers excellent value for money. Enhance your visit to the centre with our educational offer.

- Pre-booked educational admission to the exhibition £4.40
- Science Show £1.85
- Star Lab on the Road £360 + mileage
- Backpacks £1.85
- Workshops and shows £295 + mileage

Accompanying adults

- Foundation and Early Years: One accompanying adult free with every four pupils
- KS1 and KS2: One accompanying adult free with every six pupils
- Free admission for dedicated carers or assistants of pupils with special educational needs
- Additional adults are charged at £7.10
- Book "The Look Out On The Road" and receive 25% off a visit to the hands-on science and nature exhibition at The Look Out in the future.

Added value

- Gift shop or pre-ordered souvenir service can be organised
- Coffee shop
- Outside or undercover eating area if wet. Storage for lunches

Prices are valid until 31st March 2015. Please consult our Photographic Policy before using a camera or electronic recording device. Please see website for pricing after that date.

THE LOOK OUT DISCOVERY CENTRE



Be Inspired...

Primary Education Programme 2014/2015

Exhibits • Science Shows • Backpacks • Outreach



Hands-On Science Fun

September 2014 - July 2015



90 Hands-on science and nature activities. All weather venue. Fantastic visit for school trips.

The Look Out Discovery Centre has over 90 hands-on science and nature activities particularly suitable for Foundation Stage, KS1 and KS2 pupils. Each year over 28,000 children enjoy a school visit to The Look Out or The Look Out On The Road.

We encourage children to explore, investigate and have fun with science, technology, engineering, art and maths.



£4.40 per pupil to the hands-on science and nature exhibition.

Group size: Maximum 250 children per day.

Recommended visit time: 4-5 hours.

Forces and Movement Zone

This zone is all about pushing, pulling, twisting and moving up and down with a range of phenomena-based activities. Gravity brings our Hot Air Balloon down but what makes it rise? Find out how to launch a hydrogen rocket, roll something up hill or find out the principle of how aircraft fly with the Bernoulli Blower exhibit.

Light and Colour Zone

Discover the world through light and colour. Leave your shadow on the wall, mix different colour lights or play a tune on our harp with no strings. Also popular in this zone is Optimusic; create sounds and play games by breaking the light beams.



Woodland and Water Zone

Capture your pupils' imagination with our Woodland and Water Zone. Design a tree, use our indoor stream to discover more about water flow and locks and dams. Spot our friendly worms in the mole hole and find out why food chains are so important.



Body and Perception Zone

Challenge your body and brain with the activities in this area. Test your reaction speed on Batak, create an amazing design with our art machine, solve the human body jigsaw puzzle, challenge your brain with difficult puzzles. Find out how many people like you have visited The Look Out.



Build It! Zone

The latest zone at The Look Out has been highly popular with teachers as it encourages team work and creative play. Build It! is a large unfinished house which can be tiled and extended using over 1,000 bricks. Bricks and tiles can be transported using wheel barrows, dumper trucks or the tile chute. Design a house at the architects' table and then try to make it!



Science Shows: add £1.85 per child

Our inspiring presenter-led science shows aim to encourage pupils to enjoy science through lively demonstrations, active questioning and pupil participation in a setting difficult to recreate in the classroom.

Foundation and Key Stage 1

Space Stories in Starlab, our inflatable planetarium – Autumn term 8th September – 19 December 2014

Join Ernest the Bear as he sets out to visit the moon and discovers the planets and stars along the way. Space Stories is an interactive, multi-sensory Starlab show. Find out more about stars, patterns of stars, the Earth and other planets.

Toys in Trouble

Spring term 19 January – 22 July 2015

The Look Out mascot owl, Eric invited his friends over to play but his naughty twin sister Erica has messed up his room. Can you help Eric sort out his toys? Find out how his toys work. In this interactive show we look at the science behind toys including how things move by using electricity, magnets, air, gravity and clockwork.

Bugs and Beasties

Summer term 7 May – 22 July 2015

Can you identify a food chain or collect a mini beast to observe, identify and classify? Join our two part presenter-led sessions that explore the exciting world of minibeasts and find out other differences between six-legged and eight-legged creatures. In part two spend time outside with sweep nets to find out which bugs live in Swinley Forest. This show can last up to an hour.



Key Stage 2

Exploring the Solar System in Starlab, our inflatable planetarium

Autumn term 8 September – 19 December 2014

With Exploring the Solar System, find out more about the sun, moon, stars and our planet Earth. Improve your knowledge about star constellations, light pollution and much more. A very popular show and worth booking early.

Fun challenging maths!

Spring term, 19 January – 22 July 2015

Never before have we offered this exciting new workshop! This is a practical workshop rather than a show using a great variety of challenging puzzles. Experiment with numbers, shape, space, measurement and handling data.

Bugs and Beasties

Summer term 7 May – 22 July 2015

Enter the world of the minibeast and use your observation and investigative skills to discover more about these fascinating animals. Is a six-legged insect the same as an eight-legged one (except for the number of legs!)? Not sure, then join Bugs and Beasties in a fantastic two part presenter-led show that explores the exciting world of minibeasts, food chains, classification of animals, living things and their environment. In part two spend time outside with sweep nets to find out which bugs live in Swinley Forest and observe them in their natural habitats. This show can last up to an hour.



A typical school visit to The Look Out is usually 10am-2pm/2.30pm

- Greeted on arrival with health and safety briefing.
- Allocated storage for lunch boxes.
- A visit to the hands-on science and nature exhibition.
- Science show or hiring a backpack.
- Fun play in the adventure play areas.
- Lunch in the outside picnic area or under cover.
- Explore Swinley Forest, that surrounds The Look Out.
- Visit to the gift shop.



Our gift shop offers a range of services from a selection of pre-ordered gift bags to providing the children with the chance to use money in a real life setting, making their choices, calculating costs and learning the value of money. There is a wide range of pocket money items.



Backpacks: add £1.85 per child

Backpacks are a great way to work with pupils in small groups to discover the environment outside and inside The Look Out Centre. Using the backpacks involves a short walk, stopping at various points and concentrating on national curriculum themed activities. Backpacks can be hired in advance and are self led experiences. We have two different backpacks available (12 of each) suitable for up to 6 pupils per backpack and one leader.

Nature Explorers is designed for 4-8 year olds and covers: Colour, Textures, Speaking and Listening (storytelling), Life Cycles and Leaves.

Materials Detectives is designed for 8-11 year olds and covers Magnets, Materials, Consolidating the Learning, Rocks and Trees.



The Look Out Discovery Centre is proud to be recognised by the Council for Learning Outside the Classroom as a quality provider of educational experiences.