



EDUCATION + FUN = THE LOOK OUT ON THE ROAD FOR SCHOOLS

The Look Out On The Road is an educational outreach programme for key stage 1, 2 and 3 pupils, all linked to the National Curriculum and designed to stimulate and motivate pupils to learn more.

Let The Look Out staff come to your school for a trouble free, educational and fun visit!



STARLAB

Starlab is our mobile inflatable planetarium that brings the stars to your school. Your pupils will be excited just to see this giant inflatable dome but it's when they go inside that things get really exciting.

Day Trip to the Moon (Yrs 1-2)

We tell the story of Issy as she goes to the Moon for a day. Pupils discuss what the Moon is like and what Issy might need to take with her. They are encouraged to discuss differences between the Earth, Moon and stars and what makes the Earth such a good planet for us to live on.

Meet the Planets (Yrs 1-2)

Meet Stella, a space robot, exploring space for somewhere to live. She comes across our solar system and looks at each planet in turn. Which is too cold or too hot? Which is too windy or poisonous? Help Stella make up her mind - which planet would you choose to live on?

Planets and Stars (Yrs 3-6)

Take a trip through the solar system. Learn to recognise famous constellations. Listen to the stories of the stars and learn to find the giant's armpit in space!

Living in Space (Yrs 3-6)

How would you eat and drink in space? What would you wear and how would you sleep? How would everyday tasks be performed in a weightless environment? The answers to these questions are illustrated with video clips from real space missions. A tour of the night sky is included.

Secret Life of the Stars (Yrs 7-11)

The Big Bang - what an extraordinary event and the results are all around us. How are the stars born and how do they die? What are Red Giants, Black Holes and White Dwarfs? Find out in this exciting show, where many of the mysteries of the night sky will be revealed.



STORY TIME (Yrs 1-2)

Story times are specifically designed to support Year 1 and 2 pupils' understanding of the curriculum in an exciting and fun way. These shows can be performed in a classroom or school hall, or if you are booking Starlab for the day they can take place in the mobile planetarium combined with other Starlab shows.

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.

CHALLENGE WORKSHOPS

Challenge Workshops are designed to stimulate and motivate pupils, as well as provide additional informal support for teachers in delivering the National Curriculum. Workshops offer a dynamic range of new challenge activities for pupils. Pupils will be introduced to the specific topic, before being set a challenge to be completed in groups. Each challenge will reflect the topic area and is designed to let pupils explore the subject through their own investigation. Pupils then provide feedback on how they tackled the challenge and what they have learnt.

Mars Mission Madness (Yrs 1-6)

How do you cushion a fragile spacecraft for landing? What are the forces involved? During the challenge pupils investigate the properties and uses of materials, the science behind every day objects and the way they are constructed and work, as well as the different kinds of forces involved.

Bridge Builder (Yrs 1-6)

Using paper, straws, sticky tape and other stationery, pupils construct a bridge to support a load. Pupils report and evaluate their construction against success criteria, and identify which design was most successful.

Solar Power (Yrs 3-6)

Harness the power of light. There are two challenges; one for Years 3 and 4 to design and construct a solar-powered fairground ride, and the other for Years 5 and 6 to design and construct a solar-powered winch. The most successful teams are those that can build the most efficient devices.

Waste Not, Want Not! (Yrs 1-6)

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.

SHOWS

Exciting and memorable, these shows can be performed in your school hall or in the classroom with all props and materials provided by The Look Out. Each show covers a specific area of the curriculum. The style of the shows encourages pupils to question ideas, think independently, and stimulates their interest in science and maths.

Maths Detective (Yrs 3-6)

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. Solve mathematical problems in a fun way! Why not book the **MATHS KIT** too?

Mathamagic (Yrs 7-9)

Mathamagic is a unique experience in practical mathematics. It contains a large number of activities that explore the curriculum areas of number, shape, space and measurement. Why not book the **MATHS KIT** too?

Bugs and Beasties (Yrs 1-6)

Can you identify a food chain? If I have a h---, t----- and an a-----, what family do I belong to? I have eight of these - can you guess what I am? Find minibeasts to identify and observe.



MATHS KIT (YRS 3-8)

Booking the MATHS KIT creates an exciting and educational event encouraging enquiry and problem-solving. It covers areas of the National Curriculum for maths in a fun and engaging way. It has 11 specially designed hands-on activities that experiment with numbers, shape, space, measurements and handling data. Why not book a maths show as well?

FUN SHOWS (YRS 3-8)

Why not book an end of term fun show?

Yucky You

Ever wanted to know why bogies are green, where your food goes and what causes you to burp? If you have, then this is the show for you. A truly yucky show which answers all the questions you were afraid to ask!

Slime Show

Fantastic fluids take the stage in this gooey, gungy extravaganza! Explore the amazing properties of slime and find out why it behaves in such strange ways. See slime you can squeeze and punch. Discover the secrets of making your own home-made slime!

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

Find out who ate who in the dinosaur world and how we know about it. Help us recreate the smell of a T-rex (yuck!) and find out lots more dinosaur facts.

Year 7 Teachers

A fantastic way to integrate the children into their new secondary school is to offer team building activities. Hiring the MATHS KIT, for instance, is a great way for the children to get to know each other.

BOOKING

- Highly experienced presenters
- Adapted to suit your group's ages, needs and abilities
- Good value for money and easy to arrange
- **FREE** worksheets

Session length: 30-45 minutes

Maximum class size: 35

Maximum of 4 sessions per day

Starlab requires: 4.2m headroom, 7.5m x 7.5m floor space, 240v ac mains power supply.

For more information or to book call:

01344 354400




THE LOOK OUT ON THE ROAD AND THE LOOK OUT DISCOVERY CENTRE, BRACKNELL

THE LOOK OUT ON THE ROAD and **THE LOOK OUT DISCOVERY CENTRE** are educational resources making learning fun. We want to motivate, engage and stimulate students and the public in their experience of science. This leads to a better understanding and dialogue with the world around us, and therefore empowers us and makes our world more enlightening.

When **THE LOOK OUT ON THE ROAD** visits your school, you will be given a voucher offering 25% discount off the ticket entrance if your school visits **THE LOOK OUT DISCOVERY CENTRE**, and your pupils will be given a voucher offering them 10% discount on a visit to **THE LOOK OUT DISCOVERY CENTRE** with their family.

THE LOOK OUT DISCOVERY CENTRE has 100 interactive exhibits, bright and appealing to children, that will help bring alive many concepts which are difficult to put over in the classroom. The exhibits are themed in the following zones: **Light & Colour, Forces & Movement, Sound & Communication, Body & Perception** and **Woodland & Water**.

We also put on a variety of **SHOWS** to help introduce science and nature topics in an exciting and fun way e.g. Forces, Materials, Bugs & Beasties, Light & Sound, Electricity & Magnetism, Ourselves. They are interactive and linked to the National Curriculum.



Also available are **DISCOVERY BOXES** for groups of 3 – 4 children. There are 19 boxes that cover a wide variety of national curriculum topic areas e.g. Codes & Ciphers, Hands & Feet, Be a Forensic Detective, Fossils etc.

There are also **BACKPACK TRAILS** involving a walk in the adjacent 1,000 hectares of Crown Estate woodland, stopping at various points and using the backpacks to concentrate on specific National Curriculum themes. Backpacks for key stage 1 explore nature, those for key stage 2 explore materials.

There is also an adventure **CHILDREN'S PLAY AREA** where we have a variety of outdoor play equipment suitable for children aged 3-11 yrs.

For more information or to book call:

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