Each session in the Mobile Teaching Unit can accommodate up to 20 students and can be run a number of times through the day. The sessions offer a small group interactive teaching experience run by one or two members of University academic staff from the Anatomy and Physiology & Pharmacology departments. The duration of each session can be tailored according to the number of students who will visit the Mobile Teaching Unit. The only facility the institution needs to supply is a suitable parking space for the HGV size lorry.

Feedback from previous Mobile Teaching Unit visits:

‘Monday was fantastic. We have had such amazing feedback from pupils, parents and staff. Everyone was really impressed with the day.’
Secondary school teacher

‘Thank you so much for visiting our school with your lorry. The children really enjoyed the experience and are still talking about it! It linked in really well with the work we already cover in the curriculum as well as giving the topic a boost through the hands-on opportunities it provided.’
Primary school teacher

If you would be interested in a visit from the Mobile Teaching Unit to your school, college or event and would like to discuss the sessions required and costs please contact:

Mobile Teaching Unit
University of Bristol AIMS Centre
Faculty of Medical and Veterinary Sciences
Bristol
BS8 1TD
0117 3316783 and 0117 3312265
aims-info@bris.ac.uk

For further information on previous visits and the Mobile Teaching Unit specifications, please visit our website at:

www.aims-cetl.com/mobile_lab

Photographs - University of Bristol
The AIMS (Applied and Integrated Medical Sciences) CETL was established in April 2005 as part of an initiative by the Higher Education Funding Council of England to establish a national network of Centres for Excellence in Teaching and Learning (CETLs) that would reward and build upon proven excellent teaching practice.

Outreach and public engagement with medical sciences are important aspects of the AIMS project. From school visits to postgraduate courses, and through science fairs and the media, we aim to make university facilities and staff expertise available to the wider community.

The Mobile Teaching Unit was purchased with funding awarded to the two University of Bristol CETLs - the AIMS centre and Bristol ChemLabS, and it provides a great platform for outreach activities. The Unit is a lorry that expands to turn into a seminar room capable of accommodating groups of 20 students at a time. Inside the lorry, students can engage in hands-on anatomy and physiology demonstrations.

The Mobile Teaching Unit can also visit events and festivals where members of the public and delegates can engage in presentations and drop-in sessions. The unit can also visit other organisations to help with staff education in the biomedical sciences and in continuing professional development.

Current sessions in the Mobile Teaching Unit include:

Primary schools
The Heart
Find out why we need a heart, what it does and how we can keep it healthy. A chance for students to listen to how their heart beats and record the electrical activity of the heart using an ECG machine. A 40 minute hands-on session aimed at years 5/6.

What is Inside My Body?
Investigate what is under the skin as students explore the skeleton, brain and heart, and how to stay healthy. A 30 minute hands-on session for younger primary school students aimed at giving them the opportunity to hear their own heart beat, investigate a skeleton and find out how the brain works.

Secondary schools
The Anatomy and Physiology of the Heart
Explore the inner workings of the heart, students have the opportunity to feel their own pulses and hear their heart beat, as well as finding out how physiologists can record the electrical activity of the heart. A one hour hands-on session with images, models and clinical equipment including an ECG machine, suitable for years 10-13.

The Anatomy and Physiology of the Lungs
Discover how important the lungs are in gas exchange, how they are adapted to do this efficiently and can ultimately be compromised in disease. A one hour hands-on session with images, models and clinical equipment designed to record lung function, suitable for years 10-13.

Medical Discoveries
Find out how the heart and the brain were viewed through history and how some of the important medical discoveries were made. A one hour hands-on session that encourages students to discuss the importance of the heart and the brain by performing hands-on recordings and learning how medical breakthroughs are made. Suitable for years 7-13.

www.aims-cetl.com/mobile_lab
Excellence in teaching & learning