

Projects and activities by University of Aberdeen

1. A range of team challenges: at the beginning of the week, students will be divided into teams and through the week they will take on various challenges. There will be a prize at the end of the week for the team who win most points in the challenges.
Each of the challenges will be a surprise and only a certain amount of time will be allowed to complete the challenge.
Challenges may include:
 - Neutralising an explosive device (not really explosive!).
 - Building a model that jumps high in the air.
 - Fashion show: A chance to impress everyone with innovative, imaginative, inventive and inspiring creations.
 - Making a commercial for TV
2. Crime scene investigations: we will discuss various types of crime and how science can help to solve those crimes. We will make our own 'flesh trap', then set it up to attract the type of insects that lay their eggs on dead bodies. We will then take the evidence gathered in the 'flesh trap' back to the lab and see what it can tell us about crime scenes.
We will also extract DNA from cells and explore other techniques that are used by crime scene investigators.
3. Dance classes: a dance instructor will be available through the week. She can teach students Tribal Fusion and various other forms of dance. If students are keen, we can have a dance show at the end of the week.
4. The story of DNA: through the week we will make our own puppets using luminous paints. At the end of the week those involved will put on a puppet show telling the amazing story of DNA.
5. Exploring the forest: various activities exploring the natural history of the forest. Using traps, microscopes and other tools we will look closely at the various plants and animals that surround us the forest. We will then think about what we have found and how it relates to the natural world around us. For instance, the wing of a bird: more similar to the wing of an insect or the arm of a human? Are plants and animals well 'designed'? Are we as humans well 'designed'? What are the flaws in nature? Why do dogs have a toe halfway up their leg and why don't many people's teeth fit in their mouths?!
6. Sex and drugs and rock and roll: Dr John Baird will explain about the various physiological changes that can occur in the body under various circumstances. We will explore the various issues and challenges faced by young people and look at the effects of making certain lifestyle choices.

To test how fit and healthy students and staff are, we will use blood pressure monitors and take pulse rates. We will also test how easy it is to put the heart under stress, by taking pulse and blood pressure under different conditions.

Piesakieties nometnei, iegūstiet papildinformāciju par šo un citiem Mundus Travels piedāvājumiem: pa tālruni **721 77 90, 25 443 302**, pa e-pastu mundus@mundustravels.com.