

## STEM Ambassador Newsletter

Welcome to the March newsletter for STEM Ambassadors in the West of Scotland. There's been a huge amount of Ambassador activity during the last 6 weeks so a big thank you to all Ambassadors who have been working hard to help schools with various activities, projects and events. A big thank you also to all the Ambassadors who have taken part in the Speed Networking Events, as part of the Scottish Government's "Do Something Creative. Do Science" careers campaign. The events held have been very well received by pupils and teachers and we have had fantastic feedback on the quality and enthusiasm of the Ambassadors attending. It is great for pupils to hear about so many different careers and to hear of Ambassadors' experiences.

In this newsletter we have a new section from the Glasgow Science Centre, which is running a series of "Meet the Expert" events. The events give you the opportunity to engage the public at weekends, which may be easier for Ambassadors to take part in, time wise. For more information on these events please [click here](#).

The STEMNET year ends on March 31<sup>st</sup> so please ensure that your Ambassador activity is up to date in the STEMNET database – any interaction with schools should be recorded, whether organised by us or not. There was a problem with the system recently so it would be great if you can check your record and make sure all your activity is up to date. To access your record, visit [www.stemnet.org.uk](http://www.stemnet.org.uk) and log in with username and password. Gail can remind you of these details if required.

### Disclosure Scotland – new system



In February 2011, the Scottish Government introduced a new membership scheme (PVG) to replace and improve upon the current disclosure arrangements for people who work with vulnerable groups.

The Protecting Vulnerable Groups Scheme (PVG Scheme) introduces different types of disclosures which aim to suit different needs and make the disclosure process as cheap, quick and efficient as possible. One of the benefits of becoming a PVG Scheme member is that it will significantly reduce the need for people to complete a detailed application form every time their employment or volunteering circumstances change. Another benefit is that organisations and groups, as part of their safe recruitment processes, will be able to do a quick and simple check to verify that a person is a PVG Scheme member and therefore not barred from working with children or protected adults or both. Checks for volunteers working in the qualifying voluntary sector, with vulnerable groups, will continue to be free.

As a result of this new system, some Ambassadors may have their disclosure caught up in the change over. All Ambassadors in this situation have been notified and new forms for the PVG scheme will be sent out as soon as we receive them from Disclosure Scotland – there is a delay at the moment in large numbers of forms being distributed. We can only apologise for this delay, but it is outwith our control. If you are concerned that you have not yet received your disclosure certificate and have not heard from us regarding this issue, please get in touch with Gail at [ambassadors@physics.gla.ac.uk](mailto:ambassadors@physics.gla.ac.uk)

## REQUESTS for HELP

Please see below requests from schools and STEM Providers for Ambassador help. The **requests which have additional information available are clickable** to take you directly to the appropriate section. If the school is not clickable, this is all the information we have currently on the request. To go to "Other information" [click here](#).

If you can help please email us at [ambassadors@physics.gla.ac.uk](mailto:ambassadors@physics.gla.ac.uk) or phone on 0141 330 6396 and we can liaise with the school on your behalf.

SCHOOL / EVENT	DATE	REQUEST
<a href="#">Glasgow Science Centre</a>	All year long	Meet the Expert Events, see section for details
<b>CAREERS EVENTS</b>		
Mount Cameron Primary, East Kilbride	30 <sup>th</sup> March (a.m.)	Careers morning for whole school. Talk to pupils about your job, with pupils visiting "stations"
Neilsland Primary, Hamilton	Wed or Thur am over the next few weeks	Offer support to Maths class by talking about use of co-ordinates or grid references in a work- related environment
<a href="#">Glenniffer High, Paisley</a>	27 <sup>th</sup> April (a.m. only)	Careers Event (Skills for Work) for S3 pupils.
Kilsyth Academy, North Lanarkshire	to be confirmed	Speed Networking Event for S2 pupils
Stranraer Academy, Dumfries and Galloway	3 <sup>rd</sup> May	Speed Networking Event for various year groups – part of Dumfries and Galloway Science Festival
<a href="#">Careers Bioengineering via email</a>	ASAP	Information on careers in bioengineering required
<b>KNEX CHALLENGE</b>		
Holmston Primary, Ayr	ASAP	Classroom workshop for P6 for the Challenge
Queen Margaret Academy, Ayr	ASAP	Help with planning and delivering K'Nex Challenge
Lochend Community High School	28 <sup>th</sup> March 1-3pm	Judges need for P6 Cluster K'Nex Challenge
Westerton Primary, Bearsden	Before 7 <sup>th</sup> April	Help to run Classroom Workshop, then Challenge
Inverclyde Area Final, Port Glasgow	4 <sup>th</sup> May	Judges required for Inverclyde Area Final
Lanarkshire Area Final, East Kilbride	11 <sup>th</sup> May	Judges required for Lanarkshire Area Final
<b>LAB IN A LORRY</b>		
<a href="#">Hamilton College</a>	26 <sup>th</sup> /27 <sup>th</sup> April	Help with Physics Experiments on board lorry
<a href="#">Dumfries and Galloway Science Festival</a>	3 <sup>rd</sup> -7 <sup>th</sup> May	Help with Physics Experiments on board lorry
<a href="#">Duncanrig Secondary School, East Kilbride</a>	12 <sup>th</sup> , 13 <sup>th</sup> May	Help with Physics Experiments on board lorry
<a href="#">Craigmount High School, Edinburgh</a>	17 <sup>th</sup> , 18 <sup>th</sup> May	Help with Physics Experiments on board lorry
<a href="#">Airdrie Academy, Lanarkshire</a>	19 <sup>th</sup> , 20 <sup>th</sup> May	Help with Physics Experiments on board lorry
<b>YOUNG ENGINEERS AND SCIENCE CLUBS</b>		
<a href="#">Aultmore Park Primary, Glasgow, G33</a>	Thursdays 3-4:15pm	Help with Heather's Hut renewable energy project
<a href="#">St Conval's Primary, Glasgow G43</a>	ASAP	Help with Heather's Hut renewable energy project
<a href="#">St Fillan's Primary, Glasgow, G44</a>	3:15pm-4:30pm Wed	Help with Heather's Hut renewable energy project.

	afternoons and some lunchtimes	P5 class
<a href="#">Burnside Primary, Rutherglen</a>	ASAP	Help with Heather's Hut renewable energy project
<a href="#">Avenue End Primary, Glasgow, G33</a>	ASAP	Help with Heather's Hut renewable energy project. P2 and P3/4 class
<b>FUNMATHS ROADSHOW</b>		
<a href="#">Various Primaries – click here for schools</a>	May/June	Help with Maths Roadshow at various schools
<b>GENERAL REQUESTS</b>		
Killermont Primary, Bearsden	25 <sup>th</sup> March	Eco Day of Action. Any help with Biodiversity, Saving Energy, Saving Water, Gardening, Minibeasts, Food Chains, Animal Habitats and Planting and Growing.
<a href="#">Torrance Primary, East Dunbartonshire</a>	Now until end of March	Help with numerous science related topics
<a href="#">Muirhead Primary, Troon</a>	ASAP	Help with numerous science related topics
<a href="#">Holmston Primary, Ayr</a>	ASAP	Help with Titanic topic
Oxgang Primary, Kirkintilloch	ASAP	Help with an 'Under the Sea' topic for P1/2. Looking at sea creatures, habitat, biodiversity etc
<a href="#">King's Park Secondary, Glasgow</a>	March onwards	Junior Café Scientifique. Talk on genetic research
St Vincent Primary, East Kilbride	Anytime	P6 - Clyde in the Classroom, any presentations / activities - looking at the biodiversity and ecology of rivers. Also looking for Forensics help for P6 class.
Auchinleck Nursery, Ayrshire	Anytime	Very basic help for 3-5 year olds on forces
Airdrie Academy, North Lanarkshire	Anytime	Looking for "Maths" related Ambassadors who could come into school or give resources to inspire pupils in Maths
<a href="#">King's Park Secondary, Glasgow</a>	After Easter	Help with Sci-Art project. Marine Biology or technology would be a help here.
<a href="#">Avenue End Primary, Glasgow G33</a>	After Easter	Help with plants, trees and local wildlife information, as well as mini beasts
<a href="#">Annanhill Primary, Kilmarnock</a>	April/May	Help P7 with the topic of Silk Road Sea Route focussing on navigation from China to Scotland
<a href="#">Darvel Primary, East Ayrshire</a>	May/June	Help with numerous science related topics
<a href="#">Troon Primary, Ayrshire</a>	2 <sup>nd</sup> -5 <sup>th</sup> May	Help with various topics for Science Week
<a href="#">Largs Academy, Ayrshire</a>	7 <sup>th</sup> June	Help with IOP Ashfield Music Festival day
<a href="#">Whitehill Secondary, Glasgow</a>	9th June	Science4Survival Day. Help with activity day – water purifying, bacteria, parasites etc
<a href="#">Lanark Grammar School, Lanark</a>	15 <sup>th</sup> June between 10.30 and 1.30pm.	Looking for activities for pupils to take part in during Science Week
<a href="#">The Glasgow Academy</a>	17 <sup>th</sup> June 20 <sup>th</sup> June	Space Station Day for S1 pupils Climate Change Day
<a href="#">Williamwood High School, East Renfrewshire</a>	Planning for next year	STEM Ambassadors to work with teacher on ideas for projects for Royal Partnership Grants in 2011/12

## Gleniffer High School, Paisley

Gleniffer High is holding a Skills for Work event for S3 pupils on the morning of April 27th. The activities consist of team building and skill development activities. There is also the opportunity for pupils to ask questions of Ambassadors as to what their job entails and skills required. The school is looking for around 30 people to take part in this event. If you can help let us know. ([back to list](#))

## Careers in Bioengineering

We have had a request from a school pupil who attended a recent Healthcare Scientist event in Wishaw concerning careers in bioengineering. The pupil is pursuing a career in this area and would like as much information as possible on what routes are available. If you have a background /career in bioengineering and would like to offer some information / advice please get in touch with us. The communication with the pupil will be through email, via Science Connects. ([back to list](#))

## Lab in a Lorry, all over Scotland

Lab in a Lorry is an interactive mobile laboratory, run by the Institute of Physics, which gives 11-14 year olds the opportunity to explore science through open-ended experiments. Volunteers guide the students through the experiments (oil and viscous liquids, sound and resonance, light scattering and colours, climate change and energy sources, optoelectronics) and makes sure everyone gets to be involved through hands on experience.

As an Ambassador you will oversee an experiment for the day. You receive training on the Lab beforehand and the organiser sends you all the background material in advance. Ambassadors commit to a minimum of one full school day but you are welcome to come along for as many days as you like. Please see the Requests table above for schools and dates in our area. If you would like to be involved please get in touch with us – you don't have to be a Physicist to take part! ([back to list](#))

## Heather's Hut – Renewable Energy Project

"Heather's Hut" is an exciting renewable energy project inspired and supported by Dr Heather Reid OBE, meteorologist and formerly senior forecaster with BBC Scotland. It is aimed at upper primary young engineers/science clubs and also encourages transition project work. Many of SCDI's Young Engineers and Science clubs are taking part in the "Heather's Hut" project and would like assistance with their after school clubs (see section above for schools).

For the "Heather's Hut" project, YE&S Clubs are asked to: Research the issues, Investigate the scientific principles of how electricity is produced and relevant properties of heat and light; Consider how Scotland's weather could be used to provide domestic sources of energy; Design a model Heather's Hut showing ideas in practice.

Design challenges include:

1. Wind powered generator
2. Hydro powered generator
3. Solar Heater
4. Solar Cooker

The best Heather's Hut projects across Scotland will be invited to showcase and compete at the Celebration of



Engineering and Science at the Glasgow Science Centre on Friday 10 June 2011 so please do consider helping these clubs! **Entries have to be finished by the end of April** so schools do not have a lot of time since there are many holidays in April. ([back to list](#))

## Funmaths Roadshow

The Funmaths Roadshow is a collection of 350 interactive mathematical puzzles for use with school children, from age 10 onwards. The resource has been developed by the Liverpool Mathematical Society. It is a valuable interactive classroom resource that improves problem solving skills and most importantly, it changes attitudes towards mathematics. The emphasis is on enjoyment, challenge and relevance to the real world enabling youngsters to become highly motivated successful learners underpinning the design for the Curriculum for Excellence.

One of our STEM Ambassadors is taking the Funmaths Roadshow to various schools in May and June and Ambassadors are welcome to join her at the schools to a) find out more about the puzzles and activities used and b) offer an extra pair of hands as support during the sessions.

The following schools have Roadshows booked:

St Eunan's Primary, Clydebank	23rd May a.m.
Castlehill Primary, Bearsden	24th May a.m.
Oxgang Primary, Kirkintilloch	24th May p.m.
Killermont Primary, Bearsden	25th May a.m.
Baljaffray Primary, Bearsden	1st June a.m.
Our Lady of Loretto Primary, Glasgow	2nd June p.m.
Lairdsland Primary, Kirkintilloch	3rd June a.m.
Craighead Primary, Milton of Campsie	3rd June p.m.

If you would like to help at any of the Roadshows listed above please get in touch with ([back to list](#))

## Torrance Primary, East Dunbartonshire

The pupils in Torrance Primary are covering various science topics this term and would like any Ambassador help available. The pupils will be working on these topics from now until the **end of March**. The topics are:

P1&2 The Seashore                      P3 Farming                      P6 & 7 Natural Disasters  
P4 Desert/Polar Lands                      P5 The Rainforest

If you can help with any of the above topics please let us know. ([back to list](#))

## Muirhead Primary, Troon

The pupils in Muirhead Primary are covering various science topics this term and would like any Ambassador help available. The pupils will be working on these topics from now until the **end of March**.

The topics are:

P2/1 learning about the weather and looking for someone to offer a weather related experiment or similar.

P3 covering Electricity looking at basic circuits, and how electricity/inventions impact on our lives

P4 The Human Body

P5 the Science of Food and Drink

P7 Renewable Energy

If you can help with any of the above topics please let us know. ([back to list](#))

## Holmston Primary, Ayr

Holmston Primary is looking for help with 2 requests. They would like an Ambassador to help with the KNEX Challenge. This could be either giving a KNEX Classroom workshop or to judge the models during the Challenge. In addition, one of the classes is undertaking the Titanic topic at the moment and would like an Ambassador who can talk to the pupils about ship building – either in modern terms or in the times of the Titanic. Anything remotely connected to the Titanic would be great! ([back to list](#))

## Kings' Park Secondary School, Glasgow (G44)

Two requests from King's Park Secondary.

The first is for a Junior Café Scientifique speaker. This is an informal session, talking on contemporary science issues. This session will be on the subject of genetic research covering topics like the benefits and problems associated with all fields of research as well as the morals. The possible dates would be either the 23rd or the 30th of March. If this is too short notice, it can be after the Easter holiday break.

King's Park is also running a "Sciart" project after Easter and is looking for Ambassadors to help out at various stages. "Sciart" involves both Science and Art and aims to provide young people with a number of different skills and experiences. The project is for S2 pupils and will ask young people to consider the possibility of life underwater. This will involve lots of scientific considerations as well as art and design. An Ambassador with any sort of marine biology or even engineering background would be great.

Please let us know if you would like to be involved with either of these requests. ([back to list](#))

## Avenue End Primary, Glasgow

Primary 1, 2 and 3 classes are studying a Park topic in term four and would like any Ambassador help with plants, trees and local wildlife information. The children are particularly interested in mini beasts. They will also be carrying out mini topics on growing and planting as part of Eco Schools. If you are interested in being involved in this topic please do get in touch. ([back to list](#))

## Annanhill Primary, Kilmarnock

The 2 x P7 classes at Annanhill Primary will be working on a topic after Easter which is centred around the Silk Road of trading for Silk from China. They will be focussing on navigation during this topic as the travellers would have travelled on a boat through the different countries to trade silk. The teacher would like to give the pupils an idea of navigation skill and the job that the travellers would have done during their journey to the countries (Indonesia/Spice Islands - India - Saudi Arabia - Egypt - Turkey - Venice and finally Scotland) The pupils will have done mapping the main countries and water on a map and will have been doing compass work before hand. If you are interested in being involved in this topic please do get in touch. ([back to list](#))

## Darvel Primary, East Ayrshire

The following topics are for Term 4 so the school is looking for an input from Mid May through to the end of June.

P2 + P2/3 - Growth and Lifecycles P4 - Forces, magnets and springs

P6 - Forces and Friction P7 - Flight

If you can help with any of the above topics please let us know. ([back to list](#))

## Troon Primary, Ayrshire

Troon Primary is holding a Science Week for 11<sup>th</sup>-17<sup>th</sup> May and would like help with the following classes:

P1 Living/growing

P2 Senses

P4 Light and shadow

P5 Rocks/Fossils/Volcanoes

P7 Renewable energy

If you can offer any help please let us know [\(back to list\)](#)

## Largs Academy, Ayrshire

On 7th June Largs Academy will be involving 3rd year physics students in the Ashfield Music Festival event, an IOP project. The schools is looking for Ambassadors to come along and help enhance this event, sharing with pupils their expert knowledge, and help encourage them to continue their physics studies at Higher and further education.

The Ashfield Music Festival is an activity designed to develop skills in work-related learning and inspire more students to study physics post-16. The activity is a simulation, based on the scenario that a council (Ashfield) wants to create a new music festival. Students develop skills in enterprise and learn how physics applies in this context by taking on one of six roles: project manager, health and safety advisor, construction manager, electrical engineer, sound engineer and lighting engineer. They are supported by real-life scientists (Ambassadors) and must use a mixture of physics-based knowledge, creativity and skills associated with enterprise in order to win the contract to build the main stage. With a theme chosen to engage students and illustrate the broad relevance and potential application of physics, Ashfield Music Festival is a one-day, off-timetable activity that has been fully trialed in schools.

If you would like more information we can send you the IOP pack for you to consider before committing. If you would like to take part please let us know. [\(back to list\)](#)

## Whitehill Secondary, Glasgow

Whitehill Secondary is hosting a Science4Survival day on Thurs 9th June. This day has been designed and piloted at the Gaelic School by Dr. Christine Peters (a STEM Ambassador), who now has a Royal Society of Chemistry grant to take this to Whitehill Secondary. The day will be for 26 teams of three P7 and three S1 pupils. The scenario is that they are all aboard a science research plane bound for Antarctica, which has to crash land on a tropical island. The groups will work through the activities 2 separate rooms and they require Ambassadors to customise and run the various sessions for these groups during the morning:

- Purifying water to drink, to tie in with the RSC's Global Water experiment, in celebration of the International Year of Chemistry
- Risks of microbial disease and purifying water, to tie in with the RSC's Global Water experiment, in celebration of the International Year of Chemistry
- Energy sources, using S CUBES
- Food, what to eat to survive (including live locusts!!!)
- Identify a snake and treat the bite
- Malaria awareness
- Treating wound infections
- Building of emergency shelters
- Mapping of the island to better understand where to gain water and power etc

In the afternoon the pupils will work on drug development in the hope of being the six pupils that the Scottish Government can afford to rescue due to their ability to treat malaria.

If you would like to be involved in this very exciting project please contact us. [\(back to list\)](#)

## Lanark Grammar School, Lanark

Lanark Grammar School is planning a Science day for 200 pupils from their associated primary schools on Wednesday 15th June between 10.30 and 1.30pm. They are hoping to have 10 classes of 20 pupils making three rotations and need 10 workshops that can be delivered three times on a timescale of 30 minutes to allow movement around the department.

If you have a workshop related to any of the STEM subjects (or you could borrow the S Cubes renewable boxes, or KNEX from our office) and would like to be involved in this Science event please let us know. ([back to list](#))

## The Glasgow Academy, Glasgow G12

The Glasgow Academy is again running their **Space Station day on 17<sup>th</sup> June**. This day was run very successfully last year (the day ends with all the rockets being launched) and the S1 pupils had to:

- perfect and make rocket fuel
- research rocket design
- design and test a rocket
- write some code to send into space

This year's event will be similar and again for S1 pupils, but focus more on:

- the history of the space station
- perfecting and making rocket fuel
- dehydrating food to take into space
- making a shuttle rocket to go to the space station

In addition, the Glasgow Academy will be running a **Climate Change day on 20<sup>th</sup> June**. During the day pupils will choose three workshops to attend and they are looking for volunteers to run these. Some examples are below (but the school is very open to other suggestions and ideas.)

- floods and sanitation, to tie in with the RSC's Global Water experiment, in celebration of the International Year of Chemistry
- effects of Climate Change on clothes and houses
- movement of carbon within the world
- the response of the developed world to Climate Change
- Climate Change, volcanoes and earthquakes
- ice core data and cold adaptation
- marine ecosystems
- the opposition to Climate Change
- experiments with carbon dioxide
- art after natural disasters

The day will end with a debate/discussion on Climate Change and they are also looking for anyone with any expertise in Climate Change who would be willing to take part in this.

If you would like to be involved in this Space event or Climate Change Day please let us know. ([back to list](#))

## Williamwood High School, East Renfrewshire

Williamwood High School is keen to begin discussions with STEM Ambassadors concerning projects for next academic year, with a view to applying for funding for a Royal Society Partnership Grant. Through this scheme grants are available from £250 up to £3000, to support teachers, engineers and scientists develop science projects. "The aim is help make science more interesting in primary and secondary schools. The partnership grants scheme forms partnerships to allow teachers to increase their scientific knowledge and to give scientists and engineers the chance to develop their communication skills and engage with enquiring young minds."

The teachers feel this is an excellent opportunity to start a good project with Ambassadors, extending the partnership to the cluster primary schools.

If you would like to be involved in initial discussions with the teacher and Science Connects about a future project for 2011/12, please let us know. ([back to list](#))

## The Glasgow Science Centre – Volunteering Opportunities

The Glasgow Science Centre would like to invite STEM Ambassadors to take part in their many 'Meet the Expert' weekend events taking place over the next year. If you would like to take part in any of the events listed below please get in touch with us and we will put you in touch with the GSC. Staff from the 'Meet the Expert' Team at the Glasgow Science Centre will then arrange to meet with you and brief you on what is required for the event you are volunteering for.

**27th-30th May - Memory weekend** - How do we remember? How can we improve our memory? If you are a memory expert and would like to share your knowledge with their visitors the GSC would love to hear from you.

**30th-31st July - Brain weekend** - Celebrating our amazing brains. If you are an expert on brains from anatomy to development, human brains to animal brains the GSC would like to share your knowledge with their visitors.

**13th-14th August - Solve It!** A weekend of maths and problem solving. Maths doesn't always have a reputation for fun, if you are a maths expert or have some fun maths or problem solving activities you would like to share with their visitors then the GSC would love to hear from you as they celebrate the practical applications of mathematics.

**23rd-26th September - Dirt Season** - In 2011, the Wellcome Trust invites the public to take a fresh look at dirt in its various guises, taking in the perspectives of artists, anthropologists, historians and scientists. Over the September weekend Friday 23rd-Monday 26th September 2011 inclusive the GSC will be connecting scientists with the public through their Meet the Expert Programme. The GSC is currently looking for scientist volunteers in the field to deliver activity to their family audience for one or all of these days.

**15th-23rd October - Celebration of Science in Scotland.** The GSC is looking for scientists and engineers from all disciplines to help them raise awareness of, and to foster an interest in, the exciting, diverse, ground-breaking scientific research, and its applications, that are taking place in Scotland.

The programme of activities will highlight the role of scientists and science in our everyday lives through a range of 'Meet the Expert' events. There is also an opportunity to display your latest innovation as part of the Be Creative, Be Innovative exhibition.

**29th-31st October - Fears and Phobias** - As part of the GSC's Halloween programme they would like to investigate fears and phobias. What are you scared of? Why do we have fears? How much are you willing to test your fears? They are looking for experts on fears and phobias who would like to share their knowledge and experience with their visitors.

In **November** the GSC will be celebrating International Year of Chemistry. They are looking for chemists who would like to help with school programmes on the 16th- 18th and 23rd to 25th.

If you would like to take part in any of the exciting opportunities above please get in touch with us and we will pass your details on to the Glasgow Science Centre. This is an opportunity to get involved with science communication to a wider audience, not only school children

[\(back to requests list\)](#)



## Other information of interest to Ambassadors...

### Science Council – Hidden Science Project

The Science Council is working with a major mobile phone company on a mobile phone app entitled 'Hidden Science', which is enabling people to have their burning science questions answered directly by scientists.

The app invites questions related to 12 monthly themes including Water, Medical Science, Fashion & Textiles, Travel & Tourism, Sport, Food, Imagining Different Tomorrows, Disaster, Space, Earth Science, Wealth & Luxury, and Computers & IT. All questions and answers are posted on the Future Morph website [www.futuremorph.org/hiddenscience](http://www.futuremorph.org/hiddenscience) where they are giving it a careers information twist by showing the jobs of those answering and they will be developing supporting materials for each topic.

The Science Council is hoping to get a mixture of factual (How much water does the average household use?) and careers-based (Where can I study marine biology?) questions for each theme and you can sign up to any or all of the themes and answer questions via the online interface.

If you're interested in taking part and helping to reveal the hidden science of the world around us to young people, email Holly ([H.Margerison@sciencecouncil.org](mailto:H.Margerison@sciencecouncil.org)) with your name, contact details and the themes you're interested in.

### Chance to dine with an Astronaut!

Colonel Al Worden, one of only 18 people alive who have journeyed to the Moon, is visiting Scotland in May. He made his flight to the moon between 1968 and 1972, and no-one has been back since. Col. Worden's mission was the first to use the Lunar Rover vehicle. Worden still holds a record for the furthest spacewalk from earth.

One of our STEM Ambassadors is involved in organising two opportunities for the public in Scotland to hear a first-hand account from Colonel Al Worden of his extraordinary experiences – a presentation with Question & Answer session at Glasgow Caledonian University on Friday 20th May, and a 40th Anniversary Celebration with red carpet entrance, drinks reception, dinner and dance, in Glasgow Marriott Hotel on Saturday 21st May. Full details and tickets are available at [www.walkwithdestiny.com](http://www.walkwithdestiny.com)



### Induction Training

If you have not already undertaken your induction training, the next session will be run on **Tuesday 26<sup>th</sup> April at 3:00pm** at the University of Glasgow. To register for an induction please email or call us and we will confirm your place. The training will last around 2 hours and will enable you to complete your disclosure form also. The next training after this will be Tuesday 31<sup>st</sup> May 2011 at 3pm.

Please do consider all the requests listed in the newsletter. Thank you for all your efforts and please do remember to record your activity at [www.stemnet.org.uk](http://www.stemnet.org.uk) or drop us an email with the activity and we will do it for you.

Regards



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