

CLUB SUPPORT

Teacher's sheet

Do you want to bring a little extra variety into your extra-curricular club? Why not invite a STEM Ambassador in to support you? They can bring a real-world context to any project you are doing. They can act as judges or launch a project. They can even bring in fun one-off activities.

Before

It is important that you have clear objectives for this activity. What do you want your club to get out of this experience? Do you have a specific field of STEM that will be more appropriate? Let the STEM Centre team know your requirements as far in advance of your proposed date as possible. Use the checklist to prepare for the day.

During

Remember that STEM Ambassadors are not trained teachers and need the support of at least 1 teacher to ensure management of the event and pupil behaviour.

After

Consider some follow-up activities in class or a return visit by one of the STEM Ambassadors to take part in another activity. Tell us how the activity went by filling in an evaluation form or sending us an email.

Enhancement activities

Have a look at the STEM Challenges www.stemchallenges.net as a potential project idea or look at www.stemclubs.net for other ideas.

CHECKLIST

Please ensure that you take the following steps when arranging your visit from a STEM Ambassador:

- ☐ Contact us to request the visit at least six weeks before the event
- ☐ Correspond directly with the STEM Ambassador(s) to clarify arrangements and requirements
- ☐ Inform and gain approval from senior staff for the visit
- ☐ Ensure that at least one member of staff is available to facilitate the activity (depending on the number of students involved)
- ☐ Book the room and set up (if necessary)
- ☐ Inform school reception that visitors will be arriving and ensure they know where to direct them
- ☐ Register with STEMNetworking to blog about your activity

NOTES

Age range: KS3–KS5

Duration: One hour or length of club

Capacity: Members of the club and/or potential members you may want to attract

Themes: STEM, Careers, PSHE

Preparation time: 

Resources required: Space to hold event, tables and chairs



CLUB SUPPORT

Ambassador's sheet

You may be asked to support an extra-curricular club. You can do this in many ways; bring in a short fun experiment or activity linked to your job - or anything to show the fun and excitement of STEM. You could visit to launch a club project, and revisit later to see its progress, or you could act as a project judge. Talk to the teacher about what they would like and what you feel comfortable delivering.

CHECKLIST

- ☐ Correspond with the teacher directly to clarify arrangements and requirements
- ☐ Think about what you want to say
- ☐ Check the school address and plan how to get there
- ☐ Have your STEM Ambassador pin badge, ID card and DBS form ready to take with you

Before

Think about what you are going to do. Prepare and collect resources if needed. Practise if a demo is needed. Let the STEM Centre team know about your activity or register it on the STEMNET database. Use the checklist to prepare for the day.

During

Have fun! This is a club where the teachers are promoting the fun of STEM free from curriculum restrictions. The activity will be supported by at least one teacher who is responsible for room and behaviour management.

After

Review how it went, including teacher feedback in your assessment, and amend the activity as necessary. You will have an activity that can be taken into other schools. Consider organising a return visit to the school to take part in another activity. Tell us how it went by completing an evaluation form or emailing us.

AMBASSADOR TIPS AND IDEAS

- Visit www.stevespanglerscience.com/lab/experiments for practical activity ideas
- For engineers www.raeng.org.uk/education/
- For chemists www.rsc.org/Education/outreach.asp
- For biologists www.yourgenome.org/landing_teachers.shtml
- For physicists www.iop.org/education/teacher/extra_resources/stem/page_41714.html
- Unleash your inner child and have fun!
- Talk to us in the STEM Centre if you need more ideas



NOTES

Age range: 11–18

Duration: Usually one hour or less

Capacity: Small groups of interested students

Schools: One

Preparation time:  

You will need: Yourself and a smile! Any resources needed for practical work