

Step Into STEM

CA Technologies underscored its commitment to help address the skills gap in Europe with a dedicated Step into STEM day on 21st February 2017 to introduce Year 9 students to Science, Technology, Engineering and Mathematics (STEM) careers.

CA Technologies partnered with Deutsche Bank, GSK and Mars hosted the event at its UK headquarters at Ditton Park, Datchet with 150 pupils from local schools. Students were introduced to STEM careers through a full day of workshops, hands on activities and networking designed to educate, inspire and motivate them to consider STEM focused careers.

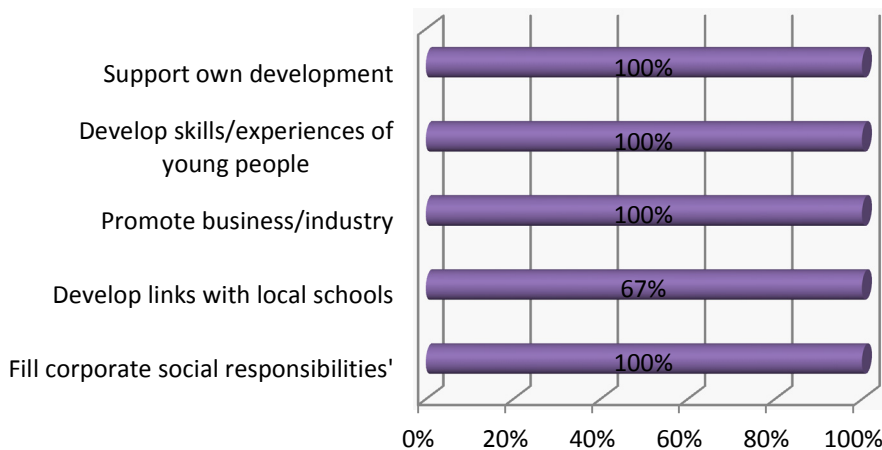
The workshops gave a diverse insight into potential STEM careers including sessions on coding, artificial intelligence, engineering and toothpaste design, run by CA, Deutsche Bank, Mars and GSK respectively. Students also had the chance to “speed network” with a wide range of employees from each of the businesses.

What is STEM? It is an acronym for science, technology, engineering and mathematics. All these subjects are studied at school and can lead to rich and varied career pathways and jobs.



Step into STEM - Business Volunteer Evaluations

Volunteers were asked what they wanted to achieve by volunteering for this activity?



50% of Volunteers that had direct contact with students rated their engagement as excellent and 50% as good.

67% of Volunteers noticed a positive change in the young persons confidence and communication skills.

100% of Volunteers felt that LTW adequately prepared them for the event.

83% would consider volunteering in the future.

100% of volunteers would recommend this activity as a fulfill the above objectives and feel that this event was a valuable use of their time.

Step into STEM - Business Volunteer Comments

- The day was well prepared and I found the whole day fulfilling and rewarding.
- I was really happy with the way it was organised and the range of activities.
- I thought the day was very well run and both students and volunteers enjoyed it.
- The venue was great and the day was very well organised.
- Great initiative and friendly people, would do it again.

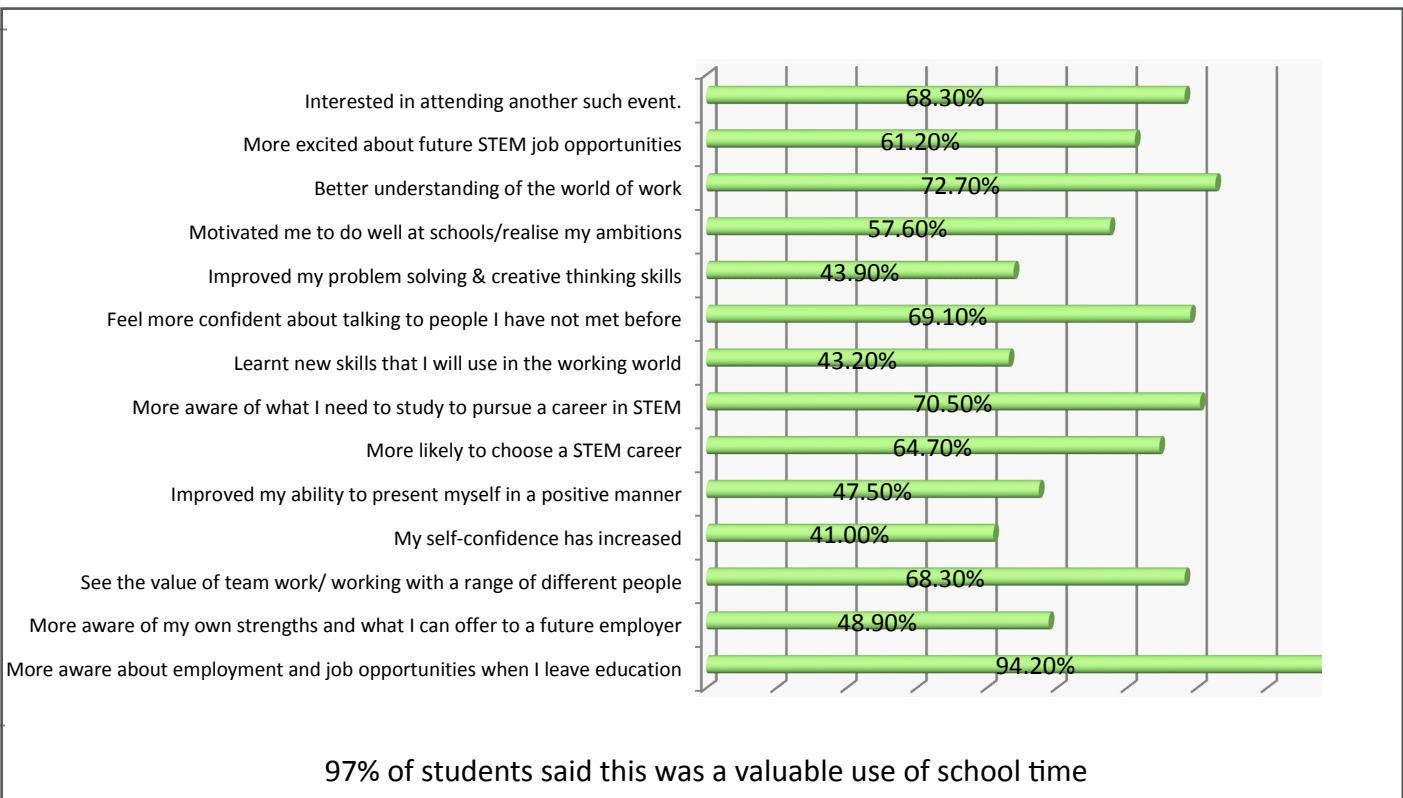


Step into STEM - Young People Evaluations

Having taken part in this event, students were asked if they now had a better understanding of opportunities within STEM? (1=lowest to 10=highest)

Before the Event	1	2	3	4	5	6	7	8	9	10
	8.6%	8.6%	19.4%	22.3%	13.7%	12.9%	10.8%	2.9%	2.2%	0%
After the Event	1	2	3	4	5	6	7	8	9	10
	0%	0.7%	0%	0%	1.4%	2.2%	20.1%	30.9%	35.3%	8.6%

As a result of taking part students said



Step into STEM - Young People Comments

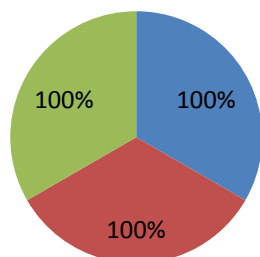
- Very informative experience, useful careers advice.
- It was a very productive method of enhancing our STEM knowledge.
- It was a good day and useful.
- The activities/workshops were very fun.
- It was an enjoyable experience.
- Good contribution from volunteers.
- Today was great, it was fun and educational at the same time.
- The workshops were interesting and I learnt lots of new things about STEM jobs.
- This was a useful event and motivated me, I now have a better understanding of the range of opportunities offered by pursuing STEM.
- There should be more events like this.
- Got to meet new people and share ideas, it was great.
- Fun, interactive, friendly, learned loads.
- It was great and I would definitely do it again.
- It was beneficial for my future career.
- It was a very interactive session and it was helpful.
- This was good and a valuable use of school time, good to go out and visit businesses.
- I think it's a good way for young people to learn about STEM.
- Definitely interested in attending another such event.
- Good to be able to talk to people from difference businesses all at once.



Step into STEM - Teacher Evaluations

Teachers were asked that have taken part in this event how do they feel about the following:-

- Agreed that time spent on this activity fulfilled and supported the needs of enrichment and engagement of the curriculum
- Agreed that the aims and expected outcomes of the activity was made clear beforehand and was fulfilled during the young peoples' time at the Event
- Agreed that for the majority of young people, the event positively influenced their attitudes towards the world of work



100% rated the level of support provided by business volunteers as excellent.

100% rated the Learning to Work as approachable and professional during the event

75% agreed that this event was pitched at an appropriate level for young people.

Step into STEM - Teacher Comments

"I thought the event was superb overall and very much enjoyed attending! The timetable worked well; there was a great variety of activities, and the number of volunteers providing first hand advice and experience impressive!

*The insight gained by students into STEM careers was second to none – in particular, the speed networking provided them with a variety of perspectives that really showed how important it was to work hard on STEM related subjects at school and gain effective qualifications, and also how their transferable skills would be relevant in a STEM context". **Dave Wilkins, Herschel Grammar School***



- The students loved the hands-on aspect of the day, they enjoyed being treated like adults when holding the speed networking sessions.
- The students really enjoyed the day, events like these are vital to bringing careers alive for young people.
- Boys all stated they enjoyed the event, found it hugely beneficial and gave them added motivation to achieve success in exams next year in order to give them a good job. However they also stated they felt the same jobs were being touted, as opposed to more variation.
- Was a good day. The students were engaged by the activities and were more aware of different opportunities available to them. They were flagging a bit at the end of the day but they all said it was enjoyable and worthwhile.
- Thank you for inviting us along to the day, all our students found it informative and enjoyed meeting people in the STEM industry. Hope to attend many more STEM events.

Learning to Work

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