



Cranbrook Year 9 'Girls in STEM' Programme Review 2017



"I can now do many things that I couldn't before, I understand a lot more and feel very motivated. I really enjoyed the experience" - Amelia Russel, Year 9

William Mitchell (william@coachbright.org)



Year 9 - Coaching

Re-cap

Vision: help pupils become independent, reflective and resilient learners so they can lead the lives they want.

Aims of Ogden funded work:

- Narrow the gap between perceptions of self and perceptions of people in STEM.
- Improve girls' knowledge of STEM careers and boost aspirations in STEM careers and university progression
- Improve academic attainment in Maths and Science
- Boost confidence and improve attitude to learning in Science and Maths

As a result, we aim to improve three factors:

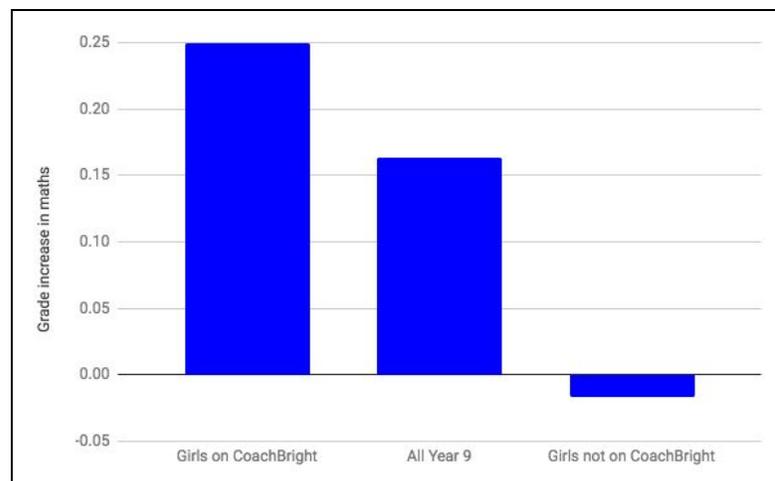
1. Grades
2. Confidence
3. Expectations



Girls in STEM Coaching Ten Year 9 Pupils

From 20th September to 15th November 2017, we ran over 70 hours of 1-1 maths and science coaching with university students as well as a launch trip, a mid-programme science workshop and a graduation trip all at the University of Exeter.

Academic Attainment





- CoachBright students outperformed their female peers and their year group as a whole in maths over the last term.

What the pupils say

"It was really fun, I liked it because I got to meet new people and get better at lessons. my learning has improved from before I started" - Cody

"I have become more engaged in lessons and contributed more in class. I can now think about harder questions in detail. It was a great experience and worth doing." Emilia

"I have discovered ways to participate in class, ways to think through the questions properly and my homework marks have become better. I like how organised it is and how it helped me learn. I loved the experience and I would like to do it in another subject" - Chloe

"I really enjoyed the experience, it was fun" - Amelia



"Thanks for everything you are doing with the girls"- Rich pepperell, Head of Science

"CoachBright has helped me become a more confident and independent learner. I've improved on my tests. I like that CoachBright helps younger kids with Science & Maths, it has helped me a lot, thank you" - Phoenix

"I have been able to put my hand up more in lessons and have got a lot of ticks. It was fun, I have met new people and got better at some maths" - Paige

"I have learnt new things and I am more confident. I can now do many things in maths that I originally couldn't do. I liked everything, it was fun and my coach was awesome." - Mckenzie

"It was good and would be worth doing again, I have improved in subject specific skills" - Aara

"I now try harder in my learning, so I can go to a top university." - Emily

Pupil survey

- 94% strongly agree or agree that the programme has been an enjoyable experience overall
- 90% strongly agree or agree that they would recommend CoachBright to their friends
- 86% strongly agree or agree that they would take part in CoachBright again
- 82% strongly agree or agree they have become a more confident learner
- 90% strongly agree or agree that their grades/marks will improve as a result of coaching
- 76% strongly agree or agree that the programme has made them more motivated to succeed in their studies

<i>Pupil Statements to learning and university</i>	<i>Before Coaching</i>	<i>After Coaching</i>
I have high expectations of my work	85%	88%
I know the steps I need to take to improve as a learner	72%	82%
I plan to take the steps necessary to improve as a learner	82%	90%
I feel that I have the ability to go and study at university	88%	92%
I plan to go on and study at university	88%	92%
I plan to go on and study at a top 30 university	68%	82%
<i>Knowledge of University</i>	<i>Before Coaching</i>	<i>After Coaching</i>
Have you ever visited a university?	90%	100%
Do you know what a university society is?	60%	70%
Do you know someone you could contact if you had questions about university?	50%	90%

Programme Thoughts

From running our Cranbrook programme, CoachBright is good at:

- Self reflective space focussed on what they want and who they are. Pupils enjoy the personalised sessions they get with their coach.
- Opportunity for pupils to explore their academic reality in a self directed manner.
- University visit helps to boost cultural capital and group workshops great way to create a team environment.

Things need to improve on/think about:

- Explore having more catch-up opportunities/flexibility on session timings if sessions are missed

