**Children Challenging Industry**

**CCI 2016-2017**

CCI was delivered to 968 pupils and 390 teachers in 30 schools. Nine companies provided 26 site visits and four ambassador visits. Since CCI began in 1996, around 46,000 pupils have experienced CCI, involving over 1000 site or ambassador visits from more than 120 companies.

**EXECUTIVE SUMMARY SECTION**

The Children Challenging Industry (CCI) programme places school science in a real-life context. It includes activities for children (in-school practical problem-solving followed predominantly by site visits to local science-based industry or occasionally from an employee) and professional development for teachers and industrial partners. Key findings from children who completed pre- and post-CCI questionnaires are reported here. After participating in the programme pupils’ attitudes towards science and industry become more positive, they become aware of the links between the processes that industries carry out and the science that they study in school, and they understand the science-based industry’s potential as a future employer.

‘It taught me that I can do things in science and that science is not as complex as it first seems’

‘I enjoyed the parts where we got involved and when we got to do experiments… When you don’t get to have a go, you get less understanding and it’s not as fun.’

‘the whole experience has made me want to be an electrical engineer!’

**IMPACT OF CHILDREN CHALLENGING INDUSTRY**

- 96% said they had learned something new
- 85% liked science more since they took part in the project
- 87% liked learning about industry
The pre and post evaluation survey was completed by 445 pupils from 21 schools.

**CHANGED ASPIRATIONS**
- I’d like to be a scientist: 25% before, 40% after
- I could work for industry in future: 28% before, 14% after

**GREATER AWARENESS OF JOB ROLES**
- Scientists have important jobs in industry: 80% before, 91% after
- Engineers have important jobs in industry: 81% before, 92% after
- Young people work in industry: 25% before, 51% after
- There are women scientists and engineers: 84% before, 95% after

**MORE FAVOURABLE ATTITUDES TO SCIENCE AND INDUSTRY**
- I like science: 84% before, 89% after
- Industry is useful: 84% before, 94% after
- Industry is safe: 39% before, 51% after

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