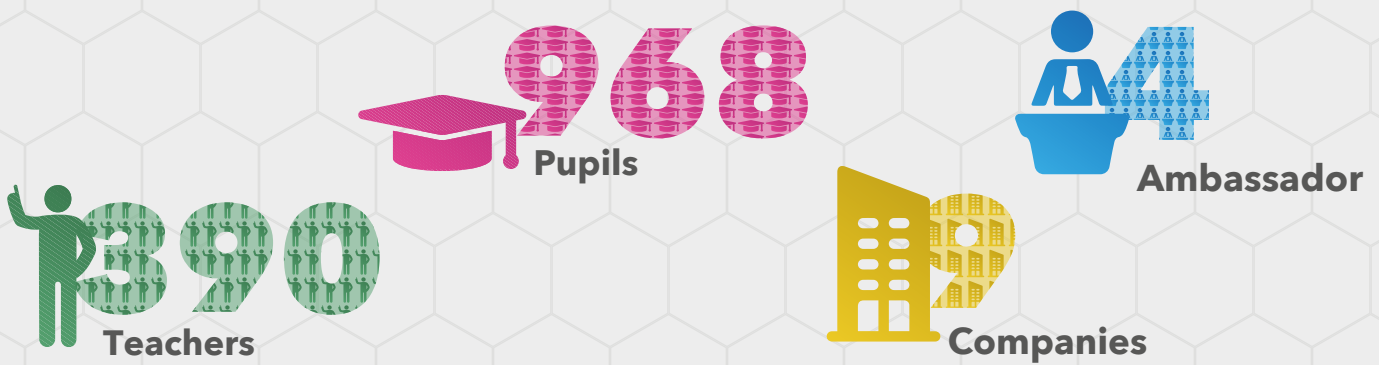


## CCI 2016-2017

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

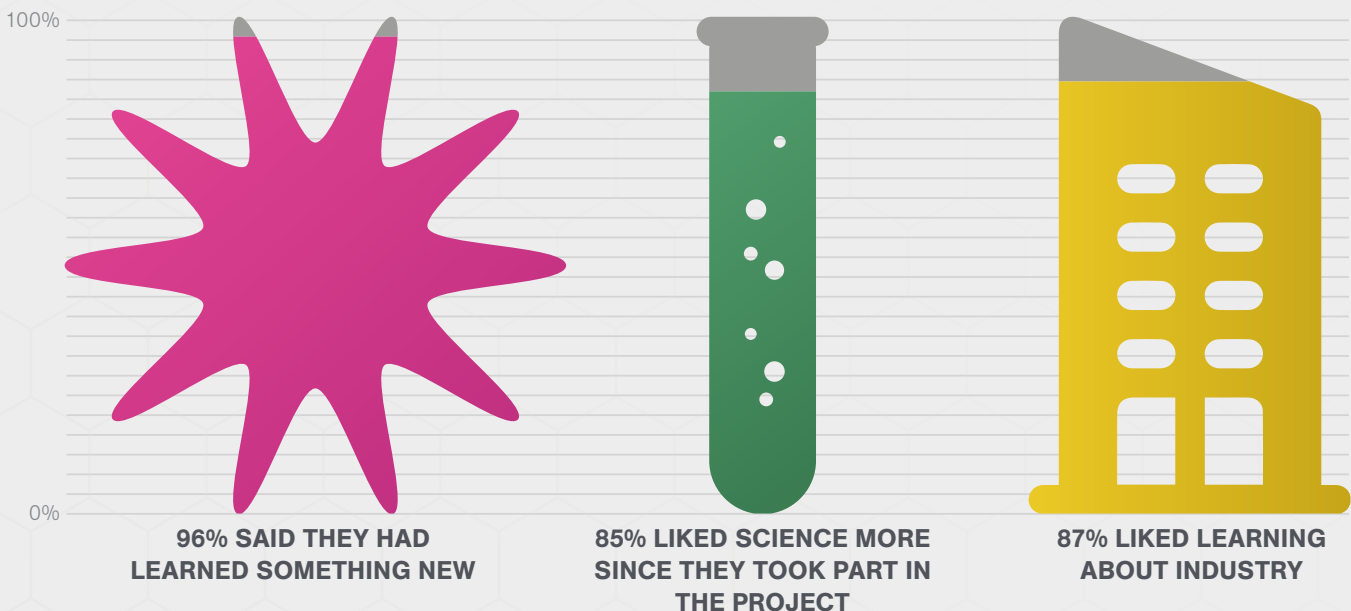
The Children Challenging Industry (CCI) programme places school science in a real-life context. It includes activities for children (in-school practical problem-solving followed predominantly by site visits to local science-based industry or occasionally from an employee) and professional development 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



Before CCI

After CCI

## CHANGED ASPIRATIONS

I'd like to be a scientist

25%

40% yes

14%

28% yes

I could work for industry in future

## GREATER AWARENESS OF JOB ROLES

Scientists have important jobs in industry

80%

91% yes

Engineers have important jobs in industry

81%

92% yes

Young people work in industry

25%

51% yes

84%

95% yes

There are women scientists and engineers

## MORE FAVOURABLE ATTITUDES TO SCIENCE AND INDUSTRY

I like science

84%

94% yes

84%

89% yes

Industry is useful

39%

51% yes

Industry is safe

The pre and post evaluation survey was completed by 445 pupils from 21 schools.

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