

# What I liked best was making the Sprite move

Interim Report  
Children's STEM Survey Year 1  
Scottish Out of School Care Network  
March 2019

## Headline Results

Providing STEM activities in out of school care addressed the gender gap in STEM, and engaged more girls and older children (8+) in STEM.

**Providing STEM activities in out of school care helped address the attainment gap in STEM.**

Of the 70 students registered across all STEM courses in year 1 and 2, 64% worked in services located in Deciles 5 or lower in terms of the Scottish Index of Multiple Deprivation.

81% of all registered students in year 1 and 2 were female and 19% male.

**Providing STEM activities in out of school care increased children's understanding of what STEM is.**

A shift from 62% of children to 84% of children agreeing they know what STEM means before and after the STEM Activities.

- A 60% to 85% increase for girls
- A 65% to 84% increase for boys

**Providing STEM activities in out of school care increased children's interest in doing more in STEM activities.**

Overall 91% of children taking part agreed that they want to do more STEM activities, with 93% boys and 89% of girls agreeing with this statement.

**Providing STEM activities in out of school care increased children's confidence in sharing STEM activities.**

There was a significant shift after the STEM activity from 56% to 72% in increased confidence in sharing skills, for girls this went from 59% to 73% and for boys, from 56% to 71%.

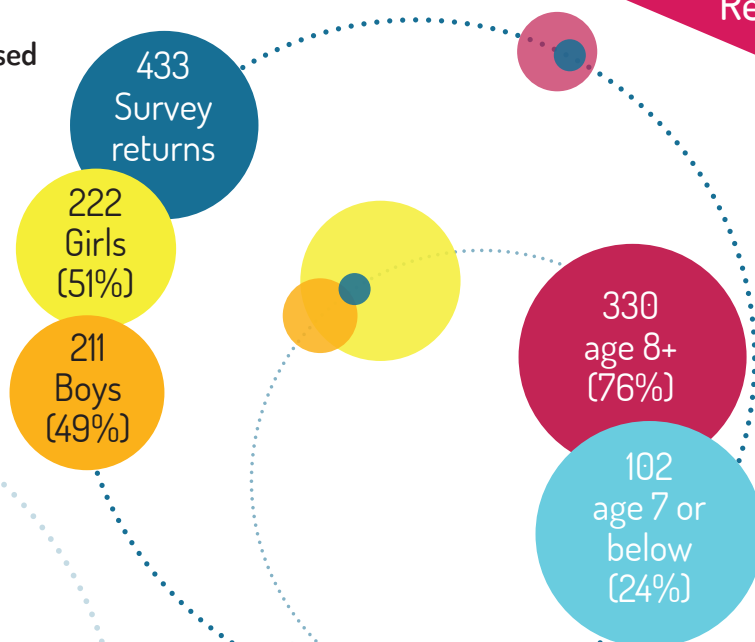
**Providing STEM activities in out of school care increased children's confidence in doing STEM activities.**

Confidence increased from 70% pre-activity to 83% post-activity.

This was slightly higher for girls (85%) than boys (82%).

**Providing STEM activities in out of school care increased children's skills in STEM activities.**

Overall 86% of children agreed that they have gained new skills doing the STEM activities; significantly this goes up to 89% of girls taking part compared to 83% of boys.



[soscn.org/stem](https://soscn.org/stem)

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