**The Thinking, Doing and Talking Science Project**

*Funded by the Education Endowment Foundation*

**Key information for interested schools**

**The project**

* Thinking, Doing, Talking Science focuses on developing **creative and challenging** science lessons that encourage pupils to use **higher order thinking skills**.
* An efficacy trial into the approach in Oxfordshire resulted in a statistically significant impact on pupils' attainment, as well as on their attitudes to science. <https://educationendowmentfoundation.org.uk/projects/science-oxford/>
* This study will consist of a randomised control trial to consider whether the approach has an impact with a wider model of delivery across 7 regions in England.

**The training**

* There will be **4 days of training** across a school year for **all Y5 teachers**. If only 1 Y5 teacher then a second teacher can attend so that there is a minimum of 2 teachers per school.
* The training in this region will take place at Bath Spa University.

**Training in 16/17 or 17/18**

* Half of the schools make up the intervention group and have their training in 2016-17 and the other half forms the control group. All schools (control and intervention) are required to administer science tests and attitude questionnaires to year 5 pupils at the end of the intervention year in July 2017. The control schools then have exactly the same training in 2017-18.

**When to sign up**

* **By mid-June 2016** schools will need to have signed up and agreed to provide some data up front, such as the UPNs of all their Year 5 pupils.
* The participating schools will be randomised into two groups (the intervention and the control) and informed by Friday 15th July.

**The funding**

* All 4 training days will be free to schools.
* Each school receives equipment and a **grant** at the end of the training: £300 per teacher attending, less £200 per school to cover equipment costs\*

*\* If two teachers are attending, the school will receive £400 plus equipment worth £200, if three teachers are attending, the school will receive £700 plus equipment worth £200, if four teachers are attending, the school will receive £1000 plus equipment worth £200.*

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