**SEFSS:** A FRAMEWORK TO SUPPORT SCHOOL EVALUATION SCIENCE SPECIFIC. SATC 2022.



Data:

Generic Statements (Agree/ Disagree/ Ponder before considering your own school data and how it helps)

* Quantitative data allows an evidence base from which interesting questions can be asked.
* Data generates quality questions worthy of exploration.
* Data shows where intervention is not needed, as well as where it is needed, or may be where something different is needed.
* Data is readily available but often not planned for.
* Data often exists, is often collated in spreadsheets, but not utilised for a purpose.
* Reflecting on data is not to increase workload, but is to focus priorities and decision making on not what to do but why something needs to be done.

A reviewer does not ask to see the data but would expect that a subject leader could justify a response to questions as indicated in the prompt column.

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| **Prompt** | **Notes** |
| How is science at the school doing over time? Is science improving? What are the trends over the last few years?* **How do you know what you think you know?**
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| How is science doing at your school compared to English and Maths?Do children attain better in science? What are the relative data sets?* **How do you know what you think you know?**
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| Are there any gender gaps? Which way? Boys v GirlsIs this a concern to science specifically? What are the comparative data sets? Including English* **How do you know what you think you know?**
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| Are all children making expected progress? How do you decide which children need additional support? Are you leading an inclusive curriculum? (SEND, PP, EAL)Which data sets do you focus on?* **How do you know what you think you know?**
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| Which topics are causing concern? Which ideas have children not grasped or where are the learning gaps?* **How do you know what you think you know?**
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| **Top Tips*** Understand the different terms: Summative Data, Diagnostic Data, Assessment for learning data
* Be aware that KS2 data is reportable and is held centrally in data systems- check with your data manager. Just because it wasn’t a test does not make this data less useful than a formal test.
* Know that tracking grids are tools for data capture- they are not data in themselves.
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