



W2D2 Memo 1

28 October 2022

Hello W2D2 participating teachers,

If you are getting this by direct email and not on "Cc" then this Memo is a confirmation of your registration. Thank you for joining!

Let's go right to the latest information. First, on the website (<http://tiny.cc/w2d2>):

- *Homepage - Resources.* The Intro slides are the updated version for the current measurement: **PHI** and **THETA**. They should be helpful in your classroom.
- *Homepage - Resources.* There are two spreadsheets. The "Local Google Sheet" is for your class. The teacher can make a copy of this and share with students to record the results from their tally sheets. The "Worldwide Google Sheet" is for teachers to report class results. While teachers do not need to use the Local sheet - they can collect results from students and make class histograms however they decide - they must report class results on the Worldwide sheet.
- *What about delta-PHI?* This measurement is not included – PHI and THETA are enough – but we do plan to make a supplementary activity around this soon, as it is too good to waste. If your students have already measured delta-THETA or really want to, do not worry: there is a place to report it in the "special" tab of the Worldwide Google Sheet.
- *ATLAS and CMS pages.* We have two screencasts for students on each of these pages. The first presents an overview of W2D2 based on the Intro slides and the second is a step-by-step procedure for making the measurement. All students (and teachers!) should view these screencasts.

Coming events:

- We will not have an online Teacher Q&A session this year. The schedule is too tight. (Sorry!) Do email your questions.
- Check Memo 0.5 for the schedule of remaining memos.
- Our videoconferences will be on Thursday 10 November UTC and we need physicist moderators. If you know (or are) a physicist who might be interested, please contact me and I will follow up.

Finally, teachers asked some good questions in the past. These are reproduced with answers in the Q&A resource on the web page (or use [this link](#)). Email your questions for inclusion in the Q&A.

All the best,

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