

How to Submit Activities for the Data Activities Portfolio (DAP)

STEPS FOR ACTIVITY SUBMISSION

1. Review several activities from the DAP. Pay close attention to the definition of Levels and Strands.
2. Complete the Preliminary Evaluation of Criteria Worksheet. (Page 2 of this document.)
3. Schedule a Zoom meeting with Deborah Roudebush to discuss your entry.
4. Either make revisions based on discussion with Deborah and resubmit entry or QuarkNet Staff will evaluate your entry.
5. If Staff determines that the activity meets DAP criteria, you can fill out the QuarkNet DAP Template for your activity..
6. If you need assistance, schedule another Zoom meeting with Deborah.
7. When the Template is complete, the activity enters the standard staff review process before it is posted on the DAP.

PRELIMINARY EVALUATION OF CRITERIA WORKSHEET

The Data Activities Portfolio (DAP) provides teachers with activities designed to bring 21st century physics into high school classrooms. The most important feature of the DAP is in the title—data. All activities involve data analysis and interpreting data. As activities progress through the levels 0-4, the data analysis becomes more complex.

Strands have activities that build an understanding of how physicists use data to support evidence-based conclusions, specifically in particle physics. Gaps can occur in a strand. For example, sometimes, skills needed in a Level 1 activity have not been addressed by a Level 0 activity. Then a gap occurs, and there is a need for a new activity to fill the gap. Gaps can also occur when new physics is discovered and new skills are needed to analyze the new data.

Submit answers to the following questions along with the activity write-up to Deborah Roudebush – droudebush@me.com

1. Explain how your activity fills a gap in the DAP.
2. Provide the goals of the activity including where it fits in the DAP and where it fits with particle physics.
3. Describe the resources teachers need if they want to implement your activity. Include a description of the source of the data and links if necessary.
4. Attach teacher notes which include things to watch out for and a key to the student pages.
5. Attach a copy of the student pages.