

☆ TJSTAR ☆  
EVENTS PLANNED

The day will run similar to a conference, where students will sign-up for sessions ahead of time through an on-line scheduler similar to the way that they sign up for 8<sup>th</sup> period activities. There will be a total of 4 concurrent sessions planned for 70 minutes, with common opening and culminating activities across the school. As the date approaches and activities are confirmed, the exact times may be reduced to a little as 60-minutes, and perhaps up to 75 minutes. The tentative, approximate session times are:

- 8:30 – 8:50: Students report to TA (or 1st period) for overview, directions & schedules
- 9:00 – 10:10: Session 1
- 10:10 – 10:20: Move
- 10:20 – 11:30: Session 2
- 11:30 – 12:15: Lunch
- 12:15 – 1:25: Session 3
- 1:25 – 1:35: Move
- 1:35 – 2:45: Session 4
- 2:45 – 3:00: Move/Break (this also gives us flexibility at this point to plan for additional time for the One Question activity for video or speakers. TBD)
- 3:00 – 3:50: One Question Kick-Off Activity (for 2009-2010). Students will report to TA or designated locations TBD.

So far, the following activities are planned concurrently during the 4 sessions, in various rooms throughout the building. This list is expected to grow and bullets will continue to be populated with good ideas from staff and students.

- Student Research Projects (all sessions)
  - IBET Research presentations
  - Senior Technology Research presentations, including Mentorship students
  - CHUM student research projects
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- Speakers Panels
  - 4-8 themed panels planned (depending on theme and/or space and/or availability)
  - More than 20 invited guests already confirmed (NSF, AAAS, NIH, GMU, finance, pharmaceuticals)
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- Student Workshops
  - Statistics & Experimental Design
  - Ethics in Research
  - Research in Mathematics
  - Coming Up with a Research Topic (Future Problem Solvers Club)
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- Class presentation of research projects
  - Science classes (Chemistry? Physics? Geosystems) – TBD
  - Using Technology to Problem Solve
  - Homegrown TJ Technologies (Innovative projects in AP Chemistry)

3/9/2009

This is an evolving document, and reflects ideas, suggestions and commitments thus far. Titles of individual workshops and events may change to reflect up-to-date ideas and contributors.

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- Club presentations
  - Environmental Science
  - CubeSat
  - Mystery Puzzle Hunt (TJ Math Team)
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- Student Design Competitions
  - TBD with sponsors and budget
  - Teams of students will compete to create projects within specific design parameters
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- “Science on Display” – displays, activities and roundtables that will be going on all day
  - Hands-On Science Demonstrations
    - Researchers (TBD)
    - TJ students (TBD)
    - Corporate sponsors
  - STEM Professionals
  - Can include class research/engineering projects or club research/engineering projects
  - Student science competition winners (not confirmed at this point)
  - TJ Alum working in the fields of Science, Technology, Engineering, Mathematics and Research
  - Cradle to Cradle Grant recipients
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3/9/2009

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