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Subject: **AAPT 2010-11 Meeting Ideas**
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Hello Fellow Physicists,

Well, it is coming to the end of another school year and hopefully you are in the final stages of grading and/or giving exams. I congratulate each of you for your continued service to the education of our next generation. I know we all hope that our efforts provide a means for the opening of new ideas and career opportunities to our students. Well, we as teachers also need new ideas and to revisit forgotten oldies but goodies. So, I am proposing a number to things for our upcoming meetings. I would like to have more than our normal two meetings per year. I know we all are very busy with work and family activities but I feel that additional meetings where you can attend will be both helpful and encouraging.

If you are willing to take the lead on one of these topics, please let me know. I would like to have the pacing guide and/or the list of good experiments by the end of the summer.

Thanks for all your help.
Gerry
President, 2010-2011

Meeting Topics

1. Demo Days
 - a. High Tech
using iPhone and/or computer applications
 - b. Low Tech
using interactive but not electronic devices
2. Tours of Physics in the Workplace
 - a. visit one of the US Navy ships in port
learn about the engineering, navigation, and weapons systems use of physics
 - b. visit one of the US Army Signal commands
learn about sound & light waves
 - c. visit a US Army field artillery command
learn how they use stars as a navigation tool
3. Make & Take
 - a. have a couple of days where all supplies are provided to create a low tech device to use for demo in the classroom

Non-meeting Topics

1. Create and share pacing guides for physics and physical science
2. Create and share a practical list of videos, experimental write-ups, and books listed by each topic / experiment
3. Fundraising sources
 - a. for meeting food

- b. physics Olympic prizes
- c. make and take equipment

4. Website design

- a. perhaps have one of our TA's to dress up the website

5. Mentor of new teachers

---- My List of Physics Links ---

All of the Richard Feynman Physics Lecture Videos from 1964 at Cornell
<http://research.microsoft.com/apps/tools/tuva/>
can only be viewed on Internet Explorer

<http://www.physicstogo.com>
<http://phyzblog.blogspot.com/>
<http://www.wired.com/wiredscience/2008/09/top-10-amazing/>
<http://www.flyingcircusofphysics.com/>
<http://sites.google.com/site/hawaiiiscienceeducation/>
<http://exploratorium.edu/snacks/snacksbysubject.html>
<http://www.exploratorium.edu/webcasts/archive.php?cmd=browse&project=63>
<http://www.talkingscience.org/>
<http://www.dl.ket.org/physicslabs/labs/>

The musical group called...They Might Be Giants....Album...Here Comes Science
<http://www.youtube.com/watch?v=d0zION8xjbM>

The Element Song ... <http://www.youtube.com/watch?v=DYW50F42ss8>

<http://www.sciencefriday.com/>
<http://scienceblogs.com/>
<http://www.geoset.info/>
<http://www.geoset.fsu.edu/>
http://www.youtube.com/results?search_query=virtual+science+university&search_type=&aq=f

List of Physics Sites from Openculture.org

http://www.openculture.com/2007/02/science_podcast-2.html
<http://www.openculture.com/category/physics>

Top 10 Physics Videos of 2008

<http://www.wired.com/wiredscience/2008/09/top-10-amazing/>

Top 10 Chemistry Videos of 2008

<http://www.wired.com/wiredscience/2008/03/top-10-amazing/>

Biology but good way of usign internet

<http://www.missbakersbiologyclass.com/map.html>