

Alliance For Physics Excellence (APEX)
Fall Weekend Workshop – Cohort 2
Physics Teacher Institute (PTI) Activity Schedule
Alabama A & M University



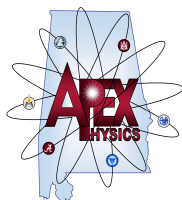
October 7-8, 2016

Day 1 – Friday, October 7, 2016

8:00 to 8:15 AM	<input type="checkbox"/> Welcome/Greetings/Announcements	Mohan Aggarwal, AA&M Univ and APEX Leadership
8:15 to 9:30 AM	<input type="checkbox"/> Activity #2: Investigation of a Flashing Light	Jim & Jane Nelson, AAPT/PTRA (1 1/4 hours)
9:30 to 11:00 AM	<input checked="" type="checkbox"/> Activity #3: Keep in Time!	Jim & Jane Nelson, AAPT/PTRA (1 1/2 hours)
11:00 to Noon	<input type="checkbox"/> Start Activity #4: Echo	Jim & Jane Nelson, AAPT/PTRA (1 hour)
Noon to 1:00 PM	<input type="checkbox"/> In house Working Lunch: Palm Pipes	
1:00 to 1:30 PM	<input type="checkbox"/> Finish Activity #4: Echo	Jim & Jane Nelson, AAPT/PTRA (1/2 hours)
1:30 to 3:00 PM	<input type="checkbox"/> Activity #5: Speed of Sound Simulation	Jim & Jane Nelson, AAPT/PTRA (1 1/2 hours)
3:00 to 4:30 PM	<input checked="" type="checkbox"/> Activity #6: What does Sound Look Like?	Jim & Jane Nelson, AAPT/PTRA (1 1/2 hours)
4:30 to 6:30 PM	<input type="checkbox"/> Activity #7: Resonance, Sounds Good to Me	Jim & Jane Nelson, AAPT/PTRA (2 hours)

- Day 1 (Total = 9 1/4 hours)
- Action Research = 0 hours
- Pedagogy & Planning = 0 hour

- PTR A & Engineering Content = 9 1/4 hours
- Technology = 0 hour



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Day 2 – Saturday, October 8, 2016

8:00 to 10:00 AM	<input type="checkbox"/> Implementation of APEX Project	Dennis Sunal with Krystal Flantroy, Justina Ogado, & Tara Ray (2 hours)
10:00 to 11:00	<input type="checkbox"/> Students' Thinking and Responsive Teaching, Part I	Jim Minstrell Facet Innovations (1 hour)
11:00 to Noon	<input type="checkbox"/> Students' Thinking and Responsive Teaching, Part II	Jim Minstrell Facet Innovations (1 hour)
Noon to 1:00 PM	<input type="checkbox"/> In house Working Lunch: Palm Pipes	
1:00 to 2:00 PM	<input type="checkbox"/> Students' Thinking and Responsive Teaching, Part III	Jim Minstrell Facet Innovations (1 hour)
2:00 -2:15 PM	<input type="checkbox"/> Workshop Evaluation (HRI Survey) /Closing Remarks	Mohan Aggarwal, AA&M Univ and APEX Leadership

- **Day 1 (Total = 9 1/4 hours)**
- **Action Research = 0 hours**
- **Pedagogy & Planning = 0 hour**
- **PTRA & Engineering Content = 9 1/4 hours**
- **Technology = 0 hour**
- **Total for week-end = 14 1/4 hours**
- **Action Research = 2 hours**
- **Pedagogy & Planning = 3 hours**

- **Day 2 (Total = 5 hours)**
- **Action Research = 2 hours**
- **Pedagogy & Planning = 3 hours**
- **PTRA & Engineering Content = 0 hours**
- **Technology = 0 hour**
- **PTRA Content = 9 1/4 hours**
- **Technology = 0 hours**