PER GROUP MEETING

Wednesday, September 27
2006

Teaching PET

- Protocol for second phase
  - Designed in lab activities format
  - Length longer than usual worksheet
  - Problems in follow up questions

- Teachers’ guide
  - Learned the need from AAPT meeting
  - Will be used when a teacher teaches this in both lab or in lecture
  - Materials will be presented in traditional format

Bijaya Aryal

Jackie – Everyday Electrical Devices

- Discussed how to proceed with data analysis with Sanjay and Fran
- Checked reliability of new method (Were we missing or over-interpreting students’ ideas?)
- Pseudo-transcripts and association diagrams

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<thead>
<tr>
<th>Time</th>
<th>Question/Comments</th>
<th>Association Diagram</th>
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<td>Rhyming knowledge</td>
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<td>Prior knowledge</td>
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Timeline: Transcribe and analyze 2.5 interviews per week to have all 20 done by Thanksgiving! Write first draft of paper over January break!

Dyan – Optics of Human Eye

- This week I am conducting 4 (hopefully 5) more interviews
- Using “new” Pasco model (not stainless steel black one)
- Having them actually use a light source and find an image with each model if possible

Fran

- Testing Pseudo Transcription – are they good enough?
  - Answer: Sure.
- Now, analyzing increments of transcripts using Picture analysis:

Mojgan-Pathway Online Resources

- Finding research based Materials to put research into action, Concept area: Mechanics
- Matching articles research based materials such as: demonstrations, student activities (labs, group work, etc.)
- New Task: Reviewing Synthetic interviews Of Paul Hewitt and matching with questions
- Adding the rest of entries about 70 more to Endnote file and make a last refinement
- Writing Report (Second revision of chapter 1 and going through chapter 3, 4)
ANNOUNCEMENTS

- Arkansas-Oklahoma-Kansas (A-O-K) Meeting
  - Fri-Sat, Oct 27-28, Emporia State Univ.
  - Depart ~ 3P.M. on Oct. 27. (Brian will lead)
  - Return late evening on Oct. 28.
  - Abstract due ~ 2 weeks prior, ~ Oct. 13

- Fall Colloquium
  - Dr. D. J. Wagner, Grove City College / RPI
  - Monday, November 20.