

HIGH SCHOOL CIA MONDAY SEP 15

3 ds pages of handout, 1 ds 9th/10th, 3 ds of kid talk 1 per table, 1 pink sign in

2:40 Announcements:

Welcome to science teaching!

Science is the key to the future

Hand in: Teacher Info Forms, Syllabus/outline (or send later)

New Teachers:

Career: Haifa Abdel Jalil, Cynthia Scheetz, Richard Palmer, Cross: Andrew Kelsey, Bernard Hulin, Melina Hong, Kyle Brooks, Michael Selarais, Scholars: James Costello, Hillhouse: Ginger Meetze, Anthony Magnano, Raymond Criscuolo, Coop: Eric Boehm, NH Academy: William O'Shea, Kate Close (Physics), New Horizons (formerly GLAD downtown, formerly Annex): MaryJane Ziehl, Middle School: 21 new science teachers

Books/Materials: Funded from school, please report NEEDED missing materials ASAP. The key is to form a cooperative relationship with administration.

Rich agrees to coordinate "extras" with needs.

Late Sep: need people to help with materials donated by Bayer, other items

Supervisor: 08-09: increased role working with Cambridge, supervising priority schools. District improvement plan now includes science, both in scheduling and in achievement goals. Focus of science supervision will be on new teachers.

Some PD:

Oct 20 Yale Science Teacher reception, Oct 25 CT Science Teacher Conference, Oct 18 Science Fair training/mentor meet, BioBus, Other?

 Science Fair: Cathy vanDyke (CoopChem last year), now mentor supervisor, important dates coming up

Nov. 4 Full day PD for 7-12 teachers. Will send out a note calling for presenters, many went to summer/outside training that they can share with others. Plan is for 3-4 hours of “sign up” 1 hr sessions. Location Sound School

sciencedebate2008.com, if you want to involve science and the election.

CAPT/CMT results:

Posted on Schoolnet, use your own class lists from this year or last year to drill down to specific results.

Roster results for complete Grade 10 and retesters grade 11/12 available.

CMT Results:

| | | | | | |
|------------------|-------------|------------|------------|------------|------------|
| | Physical/17 | Earth/17 | Life/17 | Content/30 | Inquiry/21 |
| New Haven | 50% | 48% | 48% | 50% | 47% |

| | | | | |
|-----------|---------------------|---------------------|--|--|
| SCIENCE 8 | SCIENCE 8 | SCIENCE 8 | 8th | |
| | % Goal Range | % Proficient | ACHIEVEMENT GAPS in % PROFICIENCY (WHITE-AVG MINORITY) | |

| | | | |
|------------------|-------------|-------------|-------------|
| New London | 16.8 | 29.9 | 24.2 |
| Hartford | 17 | 32.3 | 38.3 |
| Bridgeport | 18 | 37.1 | 23.8 |
| New Britain | 21.6 | 42.3 | 29.1 |
| Waterbury | 22 | 42.7 | 31.3 |
| Windham | 22.4 | 39.2 | 34 |
| Bloomfield | 23.1 | 50.3 | - |
| New Haven | 25.2 | 45.4 | 34.8 |

District plan 8th CMT % Prof to 65% by 2011, 10th CAPT % Prof to 72%, with gaps of < 10%

CAPT SCIENCE GRADE
10 2007-2008

| Group ID | Group | Year | %Pr ofA bove | %Go al abov e | Energy Stran dI/15 | Chem Stran dII /15 | Global Stran dII I/15 | Cell Chem Stand IV /15 | Genetic/ Evol Stran dV/ 15 | Content /40 | Inquiry /35 | #teste d | AvgScal e | Group |
|----------|--------------|------|--------------------|------------------------|--------------------------|-----------------------------|--------------------------------|------------------------------------|--|----------------|----------------|-------------|--------------|--------------------|
| 0 | State | 2007 | 81.4 | 44.5 | 8.7 | 8.4 | 8.9 | 8.5 | 8.6 | 22.5 | 20.6 | 42036 | 256.9 | State |
| 0 | State | 2008 | 80.5 | 46.5 | 9 | 8.8 | 8.9 | 9.1 | 9.3 | 23.7 | 21.4 | 41755 | 258.3 | State |
| 93 | New Haven | 2007 | 51.6 | 13.1 | 6.4 | 6 | 6.7 | 5.8 | 6.1 | 16 | 15.1 | 1255 | 219.9 | New Haven |
| 93 | New Haven | 2008 | 50.6 | 15.6 | 6.6 | 6.2 | 6.7 | 6.6 | 6.7 | 17.4 | 15.4 | 1319 | 219.1 | New Haven |
| 9360 | Metro | 2007 | 58.7 | 10.9 | 6.4 | 6.1 | 7.5 | 5.7 | 6.1 | 16.9 | 15 | 46 | 222.9 | Metropolitan Busi |
| 9360 | Metro | 2008 | 47.8 | 6.5 | 5.5 | 5.3 | 5.7 | 5.6 | 6.3 | 14.8 | 13.5 | 46 | 204.4 | Metropolitan Busi |
| 9361 | Wilbur Cross | 2007 | 44.1 | 9.5 | 6 | 5.6 | 6.2 | 5.4 | 5.6 | 15.1 | 13.8 | 399 | 213.4 | Wilbur Cross Hs |
| 9361 | Wilbur Cross | 2008 | 42.7 | 16.9 | 6.5 | 6 | 6.7 | 6.4 | 6.4 | 17.3 | 14.7 | 396 | 217 | Wilbur Cross Hs |
| 9362 | Hillhouse Hs | 2007 | 27.8 | 3.4 | 5.1 | 4.6 | 5.5 | 4.3 | 5 | 12.6 | 12.2 | 237 | 200.2 | James Hillhouse I |
| 9362 | Hillhouse Hs | 2008 | 34 | 4.8 | 5.7 | 5 | 5.5 | 5.3 | 5.5 | 14.8 | 12.3 | 250 | 201 | James Hillhouse I |
| 9363 | Hill Career | 2007 | 71.6 | 15.3 | 7.3 | 6.9 | 7.5 | 6.9 | 7.1 | 17.6 | 18.1 | 176 | 234.2 | Hill Regional Care |
| 9363 | Hill Career | 2008 | 74.5 | 26.1 | 7.6 | 7.9 | 7.9 | 8.1 | 8.2 | 19.9 | 19.7 | 184 | 240.2 | Hill Regional Care |
| 9364 | Cooperative | 2007 | 70.4 | 24.1 | 7.7 | 7.4 | 8 | 6.9 | 6.9 | 18.6 | 18.3 | 108 | 237.3 | Cooperative Hs |
| 9364 | Cooperative | 2008 | 64.5 | 14.5 | 7.2 | 6.7 | 7.2 | 7.3 | 6.9 | 17.5 | 17.8 | 110 | 226.9 | Cooperative Hs |
| 9366 | HSC | 2007 | 54.4 | 15.8 | 6.4 | 6.3 | 6.7 | 6.1 | 6.6 | 16.1 | 16.2 | 57 | 223.5 | Hs In The Comm |

| | | | | | | | | | | | | | | | |
|-----|-------------------|-----|------|------|-----|-----|-----|-----|-----|------|------|-----|-------|-----------------|--|
| 936 | | 200 | | | | | | | | | | | | | |
| 6 | HSC | 8 | 51.5 | 10.6 | 6.5 | 5.9 | 6.8 | 7 | 7 | 17.3 | 15.8 | 66 | 220.2 | Hs In The Comm | |
| 936 | | 200 | | | | | | | | | | | | | |
| 7 | Sound | 7 | 91.4 | 45.2 | 9.1 | 8.6 | 9.5 | 8.9 | 8.6 | 23.3 | 21.5 | 93 | 262.1 | Sound School | |
| 936 | | 200 | | | | | | | | | | | | | |
| 7 | Sound | 8 | 76.4 | 36.8 | 8.4 | 7.9 | 8.3 | 8.1 | 8.8 | 22.4 | 19.1 | 106 | 245.1 | Sound School | |
| 936 | | 200 | | | | | | | | | | | | | |
| 8 | Hyde Lea | 7 | 50.9 | 5.5 | 6.4 | 5.9 | 6.6 | 5.5 | 5.7 | 16 | 14.2 | 55 | 216.9 | Hyde Leadership | |
| 936 | | 200 | | | | | | | | | | | | | |
| 8 | Hyde Lea | 8 | 56.7 | 10 | 7.2 | 6.6 | 6.6 | 6.8 | 6 | 18 | 15.3 | 60 | 220.6 | Hyde Leadership | |
| 936 | | 200 | | | | | | | | | | | | | |
| 9 | Riverside Ed | 7 | 14.3 | 0 | 4.2 | 3.1 | 4.3 | 3.2 | 3.8 | 11.5 | 6.7 | 21 | 176.8 | Riverside Ed | |
| 936 | | 200 | | | | | | | | | | | | | |
| 9 | Riverside Ed | 8 | - | - | - | - | - | - | - | - | - | - | - | Riverside Ed | |
| 937 | | 200 | | | | | | | | | | | | | |
| 0 | New Haven Academy | 7 | 73.5 | 20.6 | 6.8 | 7.3 | 7.9 | 6.7 | 7.1 | 18.9 | 18 | 34 | 237.4 | New Haven Acad | |
| 937 | | 200 | | | | | | | | | | | | | |
| 0 | New Haven Academy | 8 | 56.3 | 14.6 | 7.1 | 6.4 | 7.7 | 7.2 | 7.1 | 18.3 | 17.1 | 48 | 228.8 | New Haven Acad | |
| 938 | | 200 | | | | | | | | | | | | | |
| 9 | Outplacem | 7 | 10 | 0 | 4.1 | 3.4 | 4.5 | 3.3 | 4 | 11 | 8.3 | 20 | 182.3 | Outplacement | |
| 938 | | 200 | | | | | | | | | | | | | |
| 9 | Outplacem | 8 | 21.7 | 4.3 | 5.4 | 4.1 | 5 | 4.3 | 4.5 | 13.7 | 9.6 | 23 | 186.4 | Outplacement | |

CAPT 2007 & 2008 SUBGROUP GAPS (% Proficient & Above)

A "-" means "Gap Reduced 2007-2008". A "+" means "Gap Increased/Not Reduced 2007 to 2008".

| | | | | | |
|------------------------------------|------|-------------|--------------|--------------|--------------|
| Black | 2007 | 33.5 | 41.6 | 44.9 | 57.4 |
| White | 2007 | 83.9 | 87.2 | 80.1 | 83.9 |
| GAP 2007 | | 50.4 | 45.6 | 35.2 | 26.5 |
| Black | 2008 | 37.3 | 44 | 55.8 | 72.9 |
| White | 2008 | 84.2 | 86.9 | 82.1 | 86.4 |
| GAP 2008 | | 46.9 | 42.9 | 26.3 | 13.5 |
| BL-WH GAP REDUCED BY: | | -3.5 | -2.7 | -8.9 | -13 |
| Hispanic | 2007 | 42.5 | 51.1 | 45.3 | 60 |
| White | 2007 | 83.9 | 87.2 | 80.1 | 83.9 |
| GAP 2007 | | 41.4 | 36.1 | 34.8 | 23.9 |
| Hispanic | 2008 | 39.4 | 41.6 | 52.8 | 63.9 |
| White | 2008 | 84.2 | 86.9 | 82.1 | 86.4 |
| GAP 2008 | | 44.8 | 45.3 | 29.3 | 22.5 |
| HISPANIC-WH GAP REDUCED BY: | | 3.4 | 9.2 | -5.5 | -1.4 |
| F/R Meals | 2007 | 37 | 44.8 | 44.8 | 58.4 |
| Full Price | 2007 | 63 | 69.2 | 65.8 | 72.6 |
| GAP 2007 | | 26 | 24.4 | 21 | 14.2 |
| F/R Meals | 2008 | 40.4 | 45.7 | 56.6 | 72.2 |
| Full Price | 2008 | 59.4 | 61.5 | 66.1 | 74 |
| GAP 2008 | | 19 | 15.8 | 9.5 | 1.8 |
| F/R-N GAP REDUCED BY: | | -7 | -8.6 | -11.5 | -12.4 |
| Special Ed. | 2007 | 21.1 | 23.6 | 22 | 27.1 |
| Not Special Ed. | 2007 | 46.5 | 54.7 | 53.4 | 66 |
| GAP 2007 | | 25.4 | 31.1 | 31.4 | 38.9 |
| Special Ed. | 2008 | 31.4 | 32.7 | 29.4 | 29.8 |
| Not Special Ed. | 2008 | 47.6 | 52.3 | 62.2 | 76.6 |
| GAP 2008 | | 16.2 | 19.6 | 32.8 | 46.8 |
| SPED GAP REDUCED BY: | | -9.2 | -11.5 | 1.4 | 7.9 |
| ELL | 2007 | 21.1 | 19.5 | 21.3 | 33.8 |
| Not ELL | 2007 | 45.7 | 53.9 | 52.5 | 64.3 |
| GAP 2007 | | 24.6 | 34.4 | 31.2 | 30.5 |
| ELL | 2008 | 21.8 | 12.6 | 27.3 | 38 |

| | | | | | |
|----------------------------|------|------------|------------|------------|------------|
| Not ELL | 2008 | 47.9 | 53.3 | 61.7 | 75.1 |
| GAP 2008 | | 26.1 | 40.7 | 34.4 | 37.1 |
| ELL GAP NOT REDUCED | | 1.5 | 6.3 | 3.2 | 6.6 |

Assessments: Revisions, suggestions due by Oct 1 via email

Quarter One:

Oct 20 Grade 7/8 Tests and Scantrons distributed at CIA

Oct 27 Grade 9–12 Tests and Scantrons distributed at CIA/mailed

Oct 30–Nov 10 Tests given (end of quarter Nov 14)

Nov 17 Scantrons back at Supervisor

Nov 19 Scantrons to data center

Quarter Two:

Jan 12 Grade 7/8 Tests and Scantrons distributed at CIA

Grade 9–12 Tests and Scantrons distributed via mail

Jan 21–Jan 30 Tests given (end of quarter Jan 30)

Feb 6 Scantrons back at Supervisor

Feb 10 Scantrons to data center

Quarter Three:

Mar 16 Grade 7/8 Tests and Scantrons distributed at CIA

Mar 23 Grade 9–12 Tests and Scantrons distributed at CIA

Mar 30–Apr 7 Tests given (end of quarter Apr 9)

Apr 15 Scantrons back at Supervisor

Apr 17 Scantrons to data center

Quarter Four:

June 1 Grade 7–12 Tests and Scantrons distributed mail

June 8–18 Tests given (end of quarter June 25)

June 29 Scantrons back at Supervisor

June 30 Scantrons to data center

Intro to PD topics for the year: Science Conversations and Science Learning: what research shows.

Intro Video:

8th Grade class, given instruction on igneous, metamorphic, sedimentary rocks. Some practice with “science talks” (how rocks are formed). Rules for science talks include to be a good listener, but teacher admits that often just meant be silent till you can talk/question.

Task: Day one, discuss with groups, Day two: build model of rock cycle
Teacher is helping a more organized group in classroom, this group is in the hallway.

2 min in: What suggestions should she give the group?

What do you think about how she intervened?

7 minutes in: What do you think of the students’ summary/progress?

11 min in: What about her explanation with shoe?

After this video:

Do you think that science talks could help you as a teacher figure out students' learning?
How can you structure science talks?

Also:

Examine the pacing guide for the year to see if there are any issues/changes.

***(Chem decided: quarter one: physical/chemical changes, matter, basic atomic structure
quarter two: periodic table, nuclear, compounds/bonding)***

***(Physics decided: quarter one: motion (up to 2D), quarter two: forces circular motion
moved to spring.)***

See what other data you need from CMT/CAPT.