

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.