

HIGH SCHOOL SCIENCE CIA MONDAY MAR 26, 2007

I) Summer Programs and Opportunities

PEABODY FELLOWS BIODIVERSITY/INFECTIOUS DISEASE
Science Saturdays
YALE/NEW HAVEN
OTHER

II) REMINDERS

Certification/Highly Qualified 9th Grade: GENERAL SCIENCE (Chem?)
Lesson Plans Require: LEARNING Objectives, Activities, Assessment

III) FEEDBACK ON CAPT REVIEW:

[9th Grade Practice Test?](#)

[10th Grade “powerpoint” Review of Ninth Grade Material](#)

[Post It/Experimentation Lab](#)

CAPT TEST FEEDBACK

IV) [THIRD QUARTER ASSESSMENTS:](#)

Based on SOME Q3 Content in Pacing Guide

Also Based on PostIt Lab since all did it after Feb Break.

Give Assessment March 29-April 5, Scantrons Due Back by April 13 (after break).

Scantrons: TEACHERS responsible for checking student ID correct,

Course #/Teacher correct, Course Code (Phy/Chem, Bio or Chem) correct.

V) REVIEW OF [Q2 Results](#)..... Why did we improve???

VI) WRITING, How do we improve their writing skills?

One IDEA. Lead from Oral Answer to Written

- 1) Whole Class Discussion of questions, teacher takes notes
- 2) Whole Class Discussion of question, student takes notes
- 3) Small Group Discussion, student take notes
- 4) Pair Discussion, partner takes notes
- 5) Pair Discussion, indiv take notes
- 6) Indiv discussion

DISCUSS ANSWERS AND RUBRICS!!!

VII) [Pacing Guide](#) Last Chance for Input.

Submit Favorite Activities/Significant Tasks

GROUP WORK:

Review Q2 Results and Q3 Questions, Come up With Ideas to Teach better written open ended response to writing.

Review [Pacing Guide](#).

OPEN ENDED SCIENCE QUESTIONS:

Requires student to apply and explain a science concept.

Has more than one aspect to a correct answer, or more than one correct answer.

Requires higher order thinking, and relevant prior knowledge to answer completely.

EXPLANATION OF SCORING FOR SCIENCE OPEN ENDED ITEMS (for short answer exam questions)

Each score category contains a range of student responses which reflect the descriptions given below:

SCORE 3

This response is an excellent answer to the question. It is correct, complete, and appropriate and contains elaboration, extension, and/or evidence of higher-order thinking and relevant prior knowledge. There is no evidence of misconceptions. Minor errors will not necessarily lower the score.

SCORE 2

This response is a proficient answer to the question. It is generally correct, complete, and appropriate although minor inaccuracies may appear. There may be limited evidence of elaboration, extension, higher-order thinking, and relevant prior knowledge, or there may be significant evidence of these traits but other flaws (e.g., inaccuracies, omissions, and inappropriateness) may be more than minor.

SCORE 1

This response is a marginal answer to the question. While it may contain some elements of a proficient response, it is inaccurate, incomplete, and/or inappropriate. There is little if any evidence of elaboration, extension, higher-order thinking or relevant prior knowledge. There may be evidence of significant misconceptions.

SCORE 0

The response, although may be on topic, is an unsatisfactory answer to the question. It may fail to address the question, or it may address the question in a very limited way. There may be no evidence of elaboration, extension, higher-order thinking, or relevant prior knowledge. There may be evidence of serious misconceptions

DISTRICT		HIGH SCHOOL SCIENCE ASSESSMENT		QuarterOne	Quarter Two	Increase
				PROF+	PROF+	
Integrated Science	ALL			12%	18%	6%
Biology	ALL			18%	29%	11%
Chemistry	ALL			25%	39%	14%
SCIENCE LEVELS BY LANGUAGE PROGRAM						
				QuarterOne	Quarter Two	
				PROF+	PROF+	
Integrated Science	ELL			8%	6%	-2%
Integrated Science	All Other Stud			13%	19%	6%
Biology	ELL			10%	16%	6%
Biology	All Other Stud			18%	31%	13%
Chemistry	ELL			19%	23%	4%
Chemistry	All Other Stud			25%	40%	15%
SCIENCE LEVELS by SPECIAL PROGRAM OF						
				QuarterOne	Quarter Two	
				PROF+	PROF+	
Integrated Science	Gifted Program			44%	74%	30%
Integrated Science	SPED Program			5%	6%	1%
Integrated Science	All Other Stud			11%	16%	5%
Biology	Gifted Program			58%	82%	24%
Biology	SPED Program			2%	10%	8%
Biology	All Other Stud			19%	30%	11%
Chemistry	Gifted Program			0%	0%	0%
Chemistry	SPED Program			5%	8%	3%
Chemistry	All Other Stud			26%	41%	15%
SCIENCE LEVELS by ETHNICITY						
				QuarterOne	Quarter Two	
				PROF+	PROF+	
Integrated Science	African Ameri			8%	12%	4%
Integrated Science	Hispanic			11%	12%	1%
Integrated Science	White			31%	52%	21%
Integrated Science	Other			37%	56%	19%
Biology	African Ameri			14%	24%	10%
Biology	Hispanic			14%	24%	10%
Biology	White			44%	65%	21%
Biology	Other			73%	43%	-30%
Chemistry	African Ameri			16%	30%	14%
Chemistry	Hispanic			26%	40%	14%
Chemistry	White			48%	72%	24%
Chemistry	Other			58%	58%	0%
SCIENCE LEVELS by GENDER						
				QuarterOne	Quarter Two	
				PROF+	PROF+	
Integrated Science				0%		
Integrated Science	Female			14%	20%	6%
Integrated Science	Male			11%	16%	5%
Biology				0%		
Biology	Female			24%	34%	10%
Biology	Male			12%	24%	12%
Chemistry				0%		
Chemistry	Female			27%	42%	15%
Chemistry	Male			23%	36%	13%

SCIENCE HIGH SCHOOL QUARTERLY ASSESSMENTS									
INT SCI (9)	Quarter 1		Quarter 2		Proficiency		INT SCI (9)	#	
	Prof plus Goal	Goal	Prof plus Goal	Goal	Increase				
DISTRICT	12%	2%	18%	8%	6%	DISTRICT	1303		
CAREER	28%	2%	31%	2%	3%	CAREER	189		
CO-OP	21%	7%	25%	7%	4%	CO-OP	122		
CROSS	9%	1%	19%	6%	10%	CROSS	334		
CROSS ANNEX	0%	0%	10%	0%	10%	CROSS ANNEX	10		
CT SCHOLAR	2%	1%	7%	1%	5%	CT SCHOLAR	89		
HILL ARMORY	0%	0%	0%	0%	0%	HILL ARMORY	22		
HILLHOUSE	2%	0%	6%	0%	4%	HILLHOUSE	209		
HSC	10%	0%	16%	0%	6%	HSC	66		
HYDE	5%	0%	32%	18%	27%	HYDE	63		
METROPOLITAN	7%	2%	9%	2%	2%	METROPOLITAN	59		
NH ACADEMY	11%	0%	21%	0%	10%	NH ACADEMY	67		
POLLY MCCABE	0%	0%	0%	0%	0%	POLLY MCCABE	3		
RIVERSIDE	0%	0%	7%	0%	7%	RIVERSIDE	14		
SOUND	24%	0%	18%	7%	-6%	SOUND	56		
BIOLOGY (10)									
	Quarter 1		Quarter 2		Proficiency				
	Prof plus Goal	Goal	Prof plus Goal	Goal	Increase	BIOLOGY (10)			
DISTRICT	18%	0%	29%	13%	11%	DISTRICT	1119		
CAREER	27%	5%	49%	2%	22%	CAREER	171		
CO-OP	29%	5%	42%	16%	13%	CO-OP	111		
CROSS	18%	0%	20%	0%	2%	CROSS	278		
CROSS ANNEX	0%	0%	0%	0%	0%	CROSS ANNEX	14		
CT SCHOLAR	2%	0%	7%	0%	5%	CT SCHOLAR	15		
HILL ARMORY	na	0%	na	na	na	HILL ARMORY	0		
HILLHOUSE	15%	3%	17%	0%	2%	HILLHOUSE	256		
HSC	7%	2%	13%	2%	6%	HSC	67		
HYDE	6%	2%	18%	2%	12%	HYDE	56		
METROPOLITAN	8%	0%	40%	18%	32%	METROPOLITAN	51		
NH ACADEMY	39%	14%	82%	32%	43%	NH ACADEMY	32		
POLLY MCCABE	25%	0%	13%	0%	-12%	POLLY MCCABE	8		
RIVERSIDE	0%	0%	0%	0%	0%	RIVERSIDE	20		
SOUND	48%	24%	78%	40%	30%	SOUND	40		
CHEMISTRY (11)									
	Quarter 1		Quarter 2		Proficiency				
	Prof plus Goal	Goal	Prof plus Goal	Goal	Increase	CHEMISTRY (11)			
DISTRICT	25%	7%	39%	16%	14%	DISTRICT	799		
CAREER	33%	0%	43%	12%	10%	CAREER	162		
CO-OP	39%	12%	45%	14%	6%	CO-OP	93		
CROSS	45%	20%	74%	0%	29%	CROSS	64		
CROSS ANNEX	na	na	na	na	na	CROSS ANNEX	0		
CT SCHOLAR	20%	5%	24%	0%	4%	CT SCHOLAR	61		
HILL ARMORY	na	0%	na	na	na	HILL ARMORY	0		
HILLHOUSE	9%	2%	16%	5%	7%	HILLHOUSE	205		
HSC	27%	0%	69%	28%	42%	HSC	32		
HYDE	3%	0%	24%	0%	21%	HYDE	37		
METROPOLITAN	10%	2%	60%	22%	50%	METROPOLITAN	55		
NH ACADEMY	39%	4%	59%	21%	20%	NH ACADEMY	22		
POLLY MCCABE	0%	0%			0%	POLLY MCCABE	0		
RIVERSIDE	0%	0%	0%	0%	0%	RIVERSIDE	30		
SOUND	63%	22%	84%	38%	21%	SOUND	38		