

The Connecticut Academic Performance Test  
Item Response Distribution  
**Statewide Results for Released Items**  
**Science**

Number of Students: 40666 (S1), 40643 (S2) \*\*  
Test Date: March 2007

Open-ended Cluster	Item	% At Each Score Point				
		0	1	2	3	Omit
Decontamination Process	1 (S1)	5	15	32	43	5
Enzymes	2 (S1)	19	17	34	25	5
Stretching Experiment	3 (S1)	33	15	14	32	5
Energy Consumption	4 (S2)	6	11	60	19	4
Yeast Experiment	5 (S2)	7	29	42	16	7

Multiple-choice Cluster	Item	% Selecting Each Option				
		A	B	C	D	Omit
In the Kitchen	1 (S2)	7	81*	8	4	1
	2 (S2)	11	22*	39	26	1
	3 (S2)	4	3	72*	20	1
Plastics	1 (S1)	23	54*	17	4	2
	2 (S1)	68*	14	8	7	2
	3 (S1)	5	35	12	46*	2
Carbon Cycle	1 (S1)	5	6	38	49*	2
	2 (S1)	7	14	23	54*	2
Potato Blight	1 (S1)	69*	6	8	15	3
	2 (S1)	8	18	66*	5	3
Fossil Record	1 (S2)	15	49*	13	22	2
	2 (S2)	16	14	63*	6	2
	3 (S2)	26	10	12	49*	2
	4 (S2)	10	18	12	58*	2

\* Indicates Correct Option  
S1 = Test Session 1, Forms HS14-1A or B  
S2 = Test Session 2, Forms HS14-2A or B

\*\* The number of students may vary between test sessions since some students completed an alternate/breach form of the test session.