



District STAR 2004 Student Data Layout

Results for both the CSTs and the CAT/6 Survey

Record Length = 650

Revision History	
06/08/04	Reference table added with number of test items and CST reporting cluster names.
06/28/04	Item and cluster reference tables corrected.

Student data file naming conventions:

CST-CAT/6 Survey = D followed by the CD code

CAPA = C followed by the CD code

Examples:

For data files for a district with the CD code of 0123456

CST-CAT/6 Survey = D0123456.TXT

CAPA = C0123456.TXT

Note for users of CD-ROM: A file named Filler.bin is included on all CD-ROM's. Filler.bin is used by the iMAC operating system to interpret data correctly. This file will be ignored by all other operating systems.

Contact Information: STAR Technical Assistance Center • 2731 Systron Drive • Concord, CA 94518
Phone: 1-800-955-2954 • Fax: 1-800-541-8455 • Star@ets.org • <http://www.startest.org/>

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
1	2	2	Record 01 Multiple Choice	Numeric (01 = CST and CAT/6)
3	8	6	Document Code	Numeric
9	16	8	Pearson Order Number	Alphanumeric
17	37	21	Student Name Last Name (17-27) First Name (28-36) Middle Initial (37)	Alpha (A-Z) or Blank
38	47	10	Student Number	Alpha (0-9) or Blank
48	57	10	CSIS ID Number	Alpha (0-9) - Valid CSIS ID or Blank
58	59	2	Date of Birth Month	Numeric (01-12) or Blank
60	61	2	Date of Birth Day	Numeric (01-31) or Blank
62	65	4	Date of Birth Year	Numeric (1980-2000) or Blank
66	66	1	Gender	Alpha (F or M), Blank or '+' = Multiple Marks
67	106	40	District Name	Alpha
107	113	7	County/District Code	Alpha (0-9)
114	133	20	Group Name	Alpha or Blank; from SGID
134	143	10	Group Code	Numeric or Blank; from SGID
144	153	10	Local Use (From Pre-ID)	Numeric or Blank
154	163	10	Filler	Blank
164	203	40	School Name	Alpha
204	210	7	School Code	Alpha (0-9)
211	211	1	Pre-ID Indicator	Alpha (Y = Yes) or Blank
212	213	2	Grade	Numeric (02-11) (Leading zero if applicable)
214	220	7	County/District Code of Residence for Students with IEP's	Numeric (0-9)
221	233	13	Filler	Blank
234	234	1	Demographic Info. Only (Test not taken)	Alpha or Blank Y = Yes (demographic information only - no test items marked) Blank = Test information present
			Multiple Choice Special Versions	"Y" or Blank
235	235	1	Braille	
236	236	1	Large Print	
			Multiple Choice Accommodations & Modifications - CST ELA	"Y" or Blank
237	237	1	Used Accommodations in IEP	
238	238	1	Used Accommodations in 504 Plan	
239	239	1	EL Used Accommodations	
240	240	1	Adult read test	
241	241	1	Used Dictionary, glossary word book	
242	242	1	Used unique modifications	
			Multiple Choice Accommodations & Modifications - CST Mathematics	"Y" or Blank
243	243	1	Used Accommodations in IEP	
244	244	1	Used Accommodations in 504 Plan	
245	245	1	EL Used Accommodations	
246	246	1	Used calculator or arithmetic tables	
247	247	1	Used unique modifications	

District STAR 2004 Student Data Layout - CST and CAT/6

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
			Multiple Choice Accommodations & Modifications - CST Science	"Y" or Blank
248	248	1	Used Accommodations in IEP	
249	249	1	Used Accommodations in 504 Plan	
250	250	1	EL Used Accommodations	
251	251	1	Used calculator or arithmetic tables	
252	252	1	Used unique modifications	
			Multiple Choice Accommodations & Modifications - CST History/Social Sciences	"Y" or Blank
253	253	1	Used Accommodations in IEP	
254	254	1	Used Accommodations in 504 Plan	
255	255	1	EL Used Accommodations	
256	256	1	Used unique modifications	Numeric (1-3) or Blank 1 = Assessed with the CAPA 2= Exempt by parent request 3= Absent entire testing period '+' = Multiple Marks
257	257	1	Student Not Tested	
258	258	1	Writing Student Not Tested	Numeric (2) or Blank 2= Exempt by parent request
			Multiple Choice - Tested but Marked No Answers	"Y" or Blank
259	259	1	CST English Language Arts	
260	260	1	CST History-Social Science	
261	261	1	CST Mathematics	
262	262	1	CST Science	
263	263	1	CAT/6 Reading/Language Arts	
264	264	1	CAT/6 Spelling	
265	265	1	CAT/6 Mathematics	
266	266	1	CAT/6 Science	
			Multiple Choice - Exempt by Parent/Guardian Request	
267	267	1	CST English Language Arts	
268	268	1	CST History-Social Science	
269	269	1	CST Mathematics	
270	270	1	CST Science	
271	271	1	CAT/6 Reading/Language Arts	
272	272	1	CAT/6 Spelling	
273	273	1	CAT/6 Mathematics	
274	274	1	CAT/6 Science	

District STAR 2004 Student Data Layout - CST and CAT/6

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
275	275	1	Multiple Choice - Student Moved before Test was Given CST English Language Arts	"Y" or Blank
276	276	1	CST History-Social Science	
277	277	1	CST Mathematics	
278	278	1	CST Science	
279	279	1	CAT/6 Reading/Language Arts	
280	280	1	CAT/6 Spelling	
281	281	1	CAT/6 Mathematics	
282	282	1	CAT/6 Science	
283	283	1	Multiple Choice - Testing Irregularities CST English Language Arts	"Y" or Blank
284	284	1	CST History-Social Science	
285	285	1	CST Mathematics	
286	286	1	CST Science	
287	287	1	CAT/6 Reading/Language Arts	
288	288	1	CAT/6 Spelling	
289	289	1	CAT/6 Mathematics	
290	290	1	CAT/6 Science	
291	291	1	Writing Test - Testing Irregularities	"Y" or Blank
292	292	1	Language Fluency	Numeric (1-4) or Blank 1 = English Only 2 = Initially-Fluent English Proficient (I-FEP) 3 = English Learner (EL) 4 = Redesignated-Fluent English Proficient (R-FEP) '+' = Multiple Marks
293	296	4	EL Spring of School Year First Enrolled in US School	Numeric (1990-2004) or Blank
297	300	4	R-FEP Spring of School Year Redesignated	Numeric (1990-2004) or Blank
301	301	1	R-FEP Student Scored Proficient or Advanced 3 Times on ELA CST	Y, N, Blank or '+' = Multiple Marks
302	303	2	Home Language (Codes listed in the Reference Table)	Numeric Blank '++' = Multiple Marks
304	305	2	School Mobility	Alpha (00 = Kindergarten, 01-11) (display zeros) Blank '++' = Multiple Marks
306	306	1	Program Participation Class Size Reduction Program - Option 1 (full day)	1 = Yes or Blank
307	307	1	Class Size Reduction Program - Option 2 (half	1 = Yes or Blank
308	308	1	ESEA Title I School wide/ ESEA Title I Targeted	(1 = School wide), 2 = Targeted), Blank or '+'
309	309	1	Migrant Education	1 = Yes or Blank
310	310	1	Indian Education	1 = Yes or Blank
311	311	1	Gifted and Talented	1 = Yes or Blank
312	312	1	EL Program Type	Numeric (1-4), Blank or '+' = Multiple Marks 1 = EL in ELD 2 = EL in ELD & SDAIE 3 = EL in ELD & SDAIE with Primary Language 4 = EL in ELD & Academic Subjects through Primary Language
313	313	1	EL in CA Public Schools<12 Months	Y or blank

District STAR 2004 Student Data Layout - CST and CAT/6

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
314	314	1	ASAM Schools Only – Student enrolled in school less than 90 days prior to testing	Y or blank
315	315	1	N. S. L. P	Y, N, Blank or '+'= Multiple Marks
316	316	1	Student Enrolled after First Testing Day	Y, or Blank
317	319	3	Primary Disability (Codes listed in the Reference Table)	Numeric or Blank '+++ '=Multiple marks '000 '=No Special Education Services
320	322	3	Primary Ethnicity	Numeric or Blank 600=African American or Black (not of Hispanic origin) 100 = American Indian or Alaskan Native 201=Chinese 202=Japanese 203=Korean 204=Vietnamese 205=Asian Indian 206=Laotian 207=Cambodian 299=Other Asian 400=Filipino 500=Hispanic or Latino 301=Native Hawaiian 302=Guamanian 303=Samoan 304=Tahitian 399=Other Pacific Islander 700 = White (not of Hispanic origin) 999=Declined to state '+++ ' = Multiple Marks
323	323	1	Other Ethnicity African American or Black (not of Hispanic origin)	"Y" or Blank
324	324	1	American Indian or Alaskan Native	
325	325	1	Chinese	
326	326	1	Japanese	
327	327	1	Korean	
328	328	1	Vietnamese	
329	329	1	Asian Indian	
330	330	1	Laotian	
331	331	1	Cambodian	
332	332	1	Other Asian	
333	333	1	Filipino	
334	334	1	Hispanic or Latino	
335	335	1	Native Hawaiian	
336	336	1	Guamanian	
337	337	1	Samoan	
338	338	1	Tahitian	
339	339	1	Other Pacific Islander	
340	340	1	White (not of Hispanic Origin)	

District STAR 2004 Student Data Layout - CST and CAT/6

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
341	342	2	Parent Education Level	Numeric (10-15) or Blank 10 = Graduate school/post graduate training 11 = College graduate 12 = Some college (includes AA degree) 13 = High School graduate 14 = Not a high school graduate 15 = Declined to State or Unknown '+' = Multiple Marks
343	343	1	Student counted as part of district's enrollment in October 2003 CBEDS' data collection and has been continuously enrolled since that date.	Y, N, Blank or '+' = Multiple Marks
344	344	1	Student counted as part of school's enrollment in October 2003 CBEDS' data collection and has been continuously enrolled since that date.	Y, N, Blank or '+' = Multiple Marks
345	346	2	Test Grade Level	Alpha (02-11) (Must be zero filled left)
347	349	3	California Reading List Number	Alpha (01 - 09, 11, 12, 13+) (Left Justify) Blank=No CAT/6 Reading Score
350	428	79	Customer Field (From Pre-ID)	Alpha, Numeric or Blank
429	429	1	CST Mathematics Test Taken	Character (1-9) or Blank 1 = General Math (Grades 8 & 9) 2 = Summative High School Math (Grades 9 -11) 3 = Algebra I 4 = Integrated 1 5 = Geometry 6 = Integrated 2 7 = Algebra II 8 = Integrated 3 9 = Unknown '+' = Multiple Marks
430	430	1	CST Science Test Taken	Character (1-9) or Blank 1 = Earth Science 2 = Biology 3 = Chemistry 4 = Physics 5 = Integrated 1 6 = Integrated 2 7 = Integrated 3 8 = Integrated 4 9 = Unknown '+' = Multiple Marks
431	432	2	CST Number of Items Attempted English-Language Arts	Numeric (00-Maximum) or Blank
433	434	2	Mathematics	
435	436	2	Science (Grades 5,9 - 11)	
437	438	2	History-Social Science (Grades 8, 10 & 11)	
439	440	2	CST Writing Test (Grades 4 and 7) Form	Numeric (04 or 07) or Blank 1=March, 2=May or Blank
441	441	1	Prompt Number	
442	442	1	CST Include Indicator (See Reference Table) English-Language Arts	Alpha Y = Include in Num Tested & Valid Scores R = Include in Num Tested; CST FBB Perf. Level T = Include in Num Tested N = Not tested
443	443	1	Mathematics	
444	444	1	Science (Grades 5,9 - 11)	
445	445	1	History-Social Science (Grades 8, 10 & 11)	

District STAR 2004 Student Data Layout - CST and CAT/6

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
			CST Raw Scores	Numeric (00-Maximum)
446	447	2	English-Language Arts Total	91 = Blank Test
448	449	2	Mathematics Total	99 = Incomplete Test
450	451	2	Science (Grades 5,9 - 11) Total	96 = Unknown Math or Science Test
452	453	2	History-Social Science (Grades 8, 10 & 11) Total	Blank=Unmatched Grade 2/3 CAT/6 record
			Writing Accommodations & Modifications	"Y" or Blank
454	454	1	Braille	
455	455	1	Large Print	
456	456	1	Used accommodations in IEP	
457	457	1	Used accommodations in 504 Plan	
458	458	1	EL used accommodations	
459	459	1	Adult read test to student	
460	460	1	Used dictionary, glossary, word book	
461	461	1	Dictated Response to scribe	
462	462	1	Used word processing software	
463	463	1	Used unique modifications	
			CST English-Language Arts Subscore Raw Score	Numeric (00-Maximum)
464	465	2	Report Cluster 1	98 = Not Available at Level
466	467	2	Report Cluster 2	99 = Did Not Attempt
468	469	2	Report Cluster 3	
470	471	2	Report Cluster 4	
472	473	2	Report Cluster 5	
474	475	2	Report Cluster 6	Grades 4 & 7 - Score of 2-8 or B, C, I, L, R, T, W (precede value with an asterisk "**") B = Blank C = Copied Prompt I = Illegible L = Language other than English R = Refusal T = Off topic W = Prompt from an earlier administration
			CST Mathematics Subscore Raw Score	Numeric (00-Maximum)
476	477	2	Report Cluster 1	98 = Not Available at Level
478	479	2	Report Cluster 2	99 = Did Not Attempt
480	481	2	Report Cluster 3	
482	483	2	Report Cluster 4	
484	485	2	Report Cluster 5	
486	487	2	Report Cluster 6	
			CST Science Subscore Raw Score	Numeric (00-Maximum); blank for 2004 Grade 5
488	489	2	Report Cluster 1	98 = Not Available at Level
490	491	2	Report Cluster 2	99 = Did Not Attempt
492	493	2	Report Cluster 3	
494	495	2	Report Cluster 4	
496	497	2	Report Cluster 5	
498	499	2	Report Cluster 6	

District STAR 2004 Student Data Layout - CST and CAT/6

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
			CST History-Social Science Subscore Raw Score	Numeric (00-Maximum)
500	501	2	Report Cluster 1	98 = Not Available at Level 99 = Did Not Attempt
502	503	2	Report Cluster 2	
504	505	2	Report Cluster 3	
506	507	2	Report Cluster 4	
508	509	2	Report Cluster 5	
510	511	2	Report Cluster 6	
			CST Scaled Scores	Numeric or Blank
512	514	3	English-Language Arts	
515	517	3	Mathematics	
518	520	3	Science	
521	523	3	History-Social Science	
			Performance Standards	Numeric (1 - 5, or 9)
524	524	1	English-Language Arts	5 = Advanced
525	525	1	Mathematics	4 = Proficient
526	526	1	Science	3 = Basic
527	527	1	History-Social Science	2 = Below Basic 1 = Far Below Basic 9 = Did Not Attempt Blank=Unmatched Grade 2/3 CAT/6 record (Math and Science)
			Multiple Choice Accommodations & Modifications - CAT/6 Reading/Language	"Y" or Blank
528	528	1	Used Accommodations in IEP	
529	529	1	Used Accommodations in 504 Plan	
530	530	1	EL Used Accommodations	
531	531	1	Student with IEP or 504 Plan used Additional Time	
532	532	1	Adult read test	
533	533	1	Used Dictionary, glossary word book	
534	534	1	Used unique modifications	
			Multiple Choice Accommodations & Modifications - CAT/6 Spelling	
535	535	1	Used Accommodations in IEP	
536	536	1	Used Accommodations in 504 Plan	
537	537	1	EL Used Accommodations	
538	538	1	Student with IEP or 504 Plan used Additional Time	
539	539	1	Adult read test	
540	540	1	Used Dictionary, glossary word book	
541	541	1	Used unique modifications	
			Multiple Choice Accommodations & Modifications - CAT/6 Mathematics	
542	542	1	Used Accommodations in IEP	
543	543	1	Used Accommodations in 504 Plan	
544	544	1	EL Used Accommodations	
545	545	1	Student with IEP or 504 Plan used Addititonal Time	
546	546	1	Used calculator or arithmetic tables	
547	547	1	Used unique modifications	

District STAR 2004 Student Data Layout - CST and CAT/6

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
			Multiple Choice Accommodations & Modifications - CAT/6 Science	"Y" or Blank
548	548	1	Used Accommodations in IEP	
549	549	1	Used Accommodations in 504 Plan	
550	550	1	EL Used Accommodations	
551	551	1	Student with IEP or 504 Plan used Additional Time	
552	552	1	Used calculator or arithmetic tables	
553	553	1	Used unique modifications	
554	555	2	CAT/6 Number of Items Attempted Reading	Numeric (00-Maximum) or Blank
556	557	2	Language	
558	559	2	Spelling	
560	561	2	Mathematics	
562	563	2	Science	
564	564	1	CAT/6 Include Indicator (See Reference Table) Reading	Alpha Y = Include in Num Tested and Valid Scores R = Include in Num Tested; CAT/6 Percentile Range 1-19 T = Include in Num Tested N = Not tested
565	565	1	Language	
566	566	1	Spelling	
567	567	1	Mathematics	
568	568	1	Science	
569	570	2	CAT/6 Raw Score Reading	Numeric (00-Maximum) or Blank 91 = Blank Test 99 = Incomplete Test
571	572	2	Language	
573	574	2	Spelling	
575	576	2	Mathematics	
577	578	2	Science	
579	581	3	CAT/6 Scaled Score (SS) Reading	Numeric or Blank
582	584	3	Language	
585	587	3	Spelling	
588	590	3	Mathematics	
591	593	3	Science	
594	595	2	Percentile Rank (PR) Reading	Numeric (01-99) or Blank
596	597	2	Language	
598	599	2	Spelling	
600	601	2	Mathematics	
602	603	2	Science	
604	604	1	Stanine (S) Reading	Numeric (1-9) or Blank
605	605	1	Language	
606	606	1	Spelling	
607	607	1	Mathematics	
608	608	1	Science	
609	610	2	Normal Curve Equivalent (NCE) Reading	Numeric (01-99) or Blank
611	612	2	Language	
613	614	2	Spelling	
615	616	2	Mathematics	
617	618	2	Science	

District STAR 2004 Student Data Layout - CST and CAT/6

FIELD START	FIELD END	LENGTH	FIELD DESCRIPTION	ACCEPTABLE VALUES
619	619	1	Unmatched Writing test (Grade 4 and 7)	W = Writing Test Only M = Multiple Choice Only Blank
620	620	1	Unmatched Test (Grade 2 or 3)	1 = CST Only 2 = CAT/6 Only Blank
621	621	1	Student with IEP or 504 Plan was tested below level	Y or Blank
622	649	28	Filler	Blank
650	650	1	End of Record 01 (CDE, ETS & Districts)	Alpha (Z)

District STAR 2004 Reference Tables

Home Language Codes (Fields 302-303 CST, 249-250 CAPA)			
Code	Language Name	Code	Language Name
00	English	09	Khmer (Cambodian)
56	Albanian	50	Khmu
37	American Sign Language	04	Korean
11	Arabic	51	Kurdish
12	Armenian	47	Lahu
42	Assyrian	10	Lao
58	Bosnian	07	Mandarin (Putonghua)
13	Burmese	48	Marshallese
03	Cantonese	44	Mien (Yao)
36	Cebuano (Visayan)	49	Mixteco
54	Chaldean	40	Pashto
20	Chamorro (Guamanian)	41	Polish
39	Chaozhou (Chaochow)	06	Portuguese
14	Croatian	28	Punjabi
15	Dutch	45	Rumanian
16	Farsi (Persian)	29	Russian
05	Filipino (Pilipino or Tagalog)	30	Samoan
17	French	52	Serbo-Croatian (Serbian)
18	German	01	Spanish
19	Greek	46	Taiwanese
43	Gujarati	32	Thai
21	Hebrew	57	Tigrinya
22	Hindi	53	Toishanese
23	Hmong	34	Tongan
24	Hungarian	33	Turkish
25	Ilocano	38	Ukrainian
26	Indonesian	35	Urdu
27	Italian	02	Vietnamese
08	Japanese	99	Other Non-English Language

District STAR 2004 Reference Tables

Primary Disability Codes (Fields 317-319 CST, 264-266 CAPA)	
Code	Type
000	Student receives no Special Education Services
010	Mental Retardation (MR)
020	Hard of Hearing (HH)
030	Deaf (DEAF)
040	Speech or Language Impairment (SLI)
050	Visual Impairment (VI)
060	Emotional Disturbance (ED)
070	Orthopedic Impairment (OI)
080	Other Health Impairment (OHI)
090	Specific Learning Disability (SLD)
100	Deaf-Blindness (DB)
110	Multiple Disabilities (MD)
120	Autism (AUT)
130	Traumatic Brain Injury (TBI)

District STAR 2004 Reference Tables

Include Indicators (Fields 442-445 CST, 564-568 CAT/6 Survey)		
Code	Meaning	Conditions
Y	Include in Num Tested & Valid Scores -> Include in Number Tested -> Include in Valid Scores -> Include scores in Aggregations and Averages	
R	Include in Num Tested; CST FBB Perf. Level, & CAT/6 Percentile Ranges 1-19 -> Include in Number Tested -> Include in Performance Level Sections of CST as Far Below Basic -> Include in Percentile Ranges 1-19 of CAT/6 -> NOT included as a Valid Score -> Score does NOT Aggregate	-> Out of Level CST -> Modified CST -> Modified CAT/6
T	Include in Number Tested -> Include in Number Tested -> Not included as a Valid Score -> Not included in Aggregations and Averages	-> Failed Attemptedness -> Unknown CST Math -> Unknown CST Science -> Testing Irregularity -> Tested but Marked no Responses
N	Not Tested -> Not included in Number Tested -> Not included as a Valid Score -> Not included in Aggregations and Averages	-> Parent Exemption -> CAPA -> Absent -> Invalid Out of Level

STAR 2004 Student Record Layout:

Item and Cluster Reference Tables

Number of Items by Test and Grade: CSTs and CAT/6

STAR CSTs: Number of Items by Test (Positions 431-438 and 446-453)										
Tests	Items by Grade									
	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
California Standards Tests (CSTs) Multiple-Choice Questions										
Language Arts	64	65	75	75	75	75	75	75	75	75
Mathematics	65	65	65	65	65	65	65*	65*	65*	65*
History-Social Science	--	--	--	--	--	--	75		60	60
Science	--	--	--	--	--	--	--	60	60	60

*Algebra II has 64 items.

STAR CAT/6: Number of Items by Test (Positions 554-563 and 569-578)										
Tests	Items by Grade									
	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
California Achievement Tests, Sixth Edition Survey (CAT/6)										
Reading	25	30	35	32	31	33	34	34	34	34
Language Arts	20	20	25	28	29	27	26	26	26	26
Spelling	20	20	20	20	20	20	20			
Mathematics	26	30	32	32	31	32	31	25	25	25
Science								25	25	25

CST Reporting Clusters by Grade or Subject

STAR CST: Reporting Clusters by Grade (Positions 464-475) English-Language Arts	
	Grades 2 - 11
Cluster Number	Cluster Name
1	Word Analysis and Vocabulary Development
2	Reading Comprehension
3	Literary Response and Analysis
4	Written Conventions
5	Writing Strategies
6	Writing Applications (Grades 4 and 7 only)

**STAR CST: Reporting Clusters by Grade (Positions 476-487)
Mathematics – Grades 2-7**

	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7
Cluster Number	Cluster Name					
1	Place value, addition, and subtraction	Place value, fractions, and decimals	Decimals, fractions, and negative numbers	Estimation, percents, and factoring	Ratios, proportions, percentages, negative fractions	Rational numbers
2	Multiplication, division, and fractions	Addition, subtraction, multiplication, and division	Operations and factoring	Operations with fractions and decimals	Operations and problem solving with fractions	Exponents, powers, and roots
3	Algebra and functions					Quantitative relationships and evaluating expressions
4	Measurement and geometry					Multi-step problems, graphing, and functions
5	Statistics, data analysis, and probability					Measurement and geometry
6	--					Statistics, data analysis, and probability

**STAR CST: Reporting Clusters by Grade (Positions 476-487)
Mathematics – End-of-Course**

	General Math	Algebra I	Geometry	Algebra II	High School Summative Math	Integrated Math 1	Integrated Math 2	Integrated Math 3
Cluster Number	Cluster Name							
1	Rational numbers	Number properties, operations, and linear equations	Logic and geometric proofs	Polynomials and rational expressions	Algebra I	Number properties, operations, and linear equations	Algebra I	Geometry
2	Exponents, powers, and roots	Graphing and systems of linear equations	Volume and area formulas	Quadratics, conics, and complex numbers	Geometry	Graphing	Logic and geometric proofs	Polynomials and rational expressions
3	Quantitative relationships and evaluating expressions	Quadratics and polynomials	Angle relationships, constructions, and lines	Exponents and logarithms	Algebra II	Quadratics and polynomials	Angle relationships, constructions, and lines	Quadratics, conics, and complex numbers
4	Multi-step problems, graphing, and functions	Functions and rational expressions	Trigonometry	Series, combinatorics, probability and statistics	Probability and statistics	Functions and rational expressions	Trigonometry	Exponents and logarithms
5	Measurement and geometry	--	--	--	--	Geometry	Algebra II/ probability and statistics	Series, combinatorics, probability and statistics
6	Statistics, data analysis, and probability	--	--	--	--	--	--	--

STAR CST: Reporting Clusters by Grade (Positions 488-499) Science – End-of-Course

	Biology	Chemistry	Earth Science	Physics	Integrated Science 1	Integrated Science 2	Integrated Science 3	Integrated Science 4
Cluster Number	Cluster Name							
1	Investigation and experimentation							
2	Cell biology	Atomic and molecular structure	Astronomy and cosmology	Motion and forces	Biology/life sciences			
3	Genetics	Chemical bonds, biochemistry	Solid Earth	Conservation of energy and momentum	Chemistry			
4	Ecology and evolution	Kinetics, thermodynamics	The Earth's energy	Heat and thermodynamics	Earth sciences			
5	Physiology	Chemical reactions	--	Waves	Physics			
6	--	Conservation of matter and stoichiometry	--	Electric and magnetic phenomena	--			

**STAR CST: Reporting Clusters by Grade (Positions 500-511)
History-Social Science – Grades 8, 10, and 11**

	Grade 8	Grade 10	Grade 11
Cluster Number	Cluster Name		
1	World history and geography: Ancient civilizations	Development of modern political thought	Foundations of American political and social thought
2	Late antiquity and the Middle Ages	Industrial expansion and imperialism	Industrialization and the U.S. as a world power
3	Renaissance/Reformation	Causes and effects of the 1st World War	United States between the World Wars
4	U.S. Constitution and the Early Republic	Causes and effects of the 2 nd World War	World War II and foreign affairs
5	Civil War and its aftermath	International developments in the Post-WW II era	Post World War II domestic issues
6	--	--	--