

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
1 COUNTRY	IDCNTRY	COUNTRY ID	VALUE	IDCNTRY ID	1- 3/N 3.0
			999	omitted	
			998	not admin.	
				VLD: (IDCNTRY>=0.AND.IDCNTRY<=0).OR.IDCNTRY=999.OR.IDCNTRY=998	
				Flags: SCR: 1 / CAR:T / CAT:ID / DEF:	
				COMMENT:	
2 POP	IDPOP	POPULATION ID	1	population 1	4 /C1.0.0.0
			2	population 2	
			3	population 3	
				VLD: IDPOP\$'3'	
				Flags: SCR: 2 / CAR:T / CAT:ID / DEF: 3	
				COMMENT:	
3 STRAT	IDSTRAT	STRATUM ID	VALUE	Stratum ID	5- 7/N3.0.0.0
			999	missing	
			998	not admin.	
				VLD: (IDSTRAT>=1.AND.IDSTRAT<=997).OR.IDSTRAT=999.OR.IDSTRAT=998	
				Flags: SCR: 3 / CAR:T / CAT:ID / DEF: 998	
				COMMENT:	
4 SCHOOL	IDSCHOOL	SCHOOL ID	VALUE	School ID	8- 13/N6.0.0.0
				VLD: .T.	
				Flags: SCR: 4 / CAR:T / CAT:ID / DEF:	
				COMMENT:	
5 STUD	IDSTUD	STUDENT ID	VALUE	Student ID	14- 23/N10..0.0
				VLD: .T.	
				Flags: SCR: 5 / CAR:F / CAT:ID / DEF:	
				COMMENT:	
6 RELIABLE	ILRELIAB	RELIABILITY CODING STATUS	0	student did not participate in reliab	24 /C1.0.0.0
			1	student participated in reliability coding	
				VLD: .T.	
				Flags: SCR: 6 / CAR:F / CAT:LK / DEF: 8	
				COMMENT: new variable, indicates whether a student participated in the reliability coding or not	
7 BOOK	IDBOOK	BOOKLET ID	4	booklet 4	25- 26/C2.0.0.0
			5	booklet 5	
			6	booklet 6	
			7	booklet 7	
				VLD: IDBOOK\$'4567'	
				Flags: SCR: 7 / CAR:F / CAT:ID / DEF:	
				COMMENT:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
8 BIRTH_MONT	ITBIRTHM	DATE OF BIRTH/MONTH	VALUE	date of birth (month)	27- 28/N2.0.0.0
			99	missing	
			98	not admin.	
				VLD: (ITBIRTHM>=1.AND.ITBIRTHM<=12).OR.ITBIRTHM=99.OR.ITBIRTHM=98	
				Flags: SCR: 8 / CAR:F / CAT:IT / DEF: 98	
				COMMENT:	
9 BIRTH_YEAR	ITBIRTHY	DATE OF BIRTH/YEAR	VALUE	date of birth (year)	29- 30/N2.0.0.0
			99	missing	
			98	not admin.	
				VLD: (ITBIRTHY>=70.AND.ITBIRTHY<=82).OR.ITBIRTHY=99.OR.ITBIRTHY=98	
				Flags: SCR: 9 / CAR:F / CAT:IT / DEF: 98	
				COMMENT:	
10 SEX	ITSEX	SEX OF STUDENT	1	girl	31 /C1.0.0.0
			2	boy	
			9	missing	
			8	not admin.	
				VLD: ITSEX\$'1298'	
				Flags: SCR: 10 / CAR:F / CAT:IT / DEF: 8	
				COMMENT:	
11 LANG	ITLANG	LANGUAGE OF TESTING	VALUE	Language of test	32- 34/N3.0.0.0
			999	missing	
			998	not admin.	
				VLD: (ITLANG>=1.AND.ITLANG<=997).OR.ITLANG=999.OR.ITLANG=998	
				Flags: SCR: 11 / CAR:T / CAT:IT / DEF: 998	
				COMMENT:	
12 TEST_MONTH	ITDATEM	DATE OF TESTING/MONTH	VALUE	date of testing (month)	35- 36/N2.0.0.0
			99	missing	
			98	not admin.	
				VLD: (ITDATEM>=1.AND.ITDATEM<=12).OR.ITDATEM=99.OR.ITDATEM=98	
				Flags: SCR: 12 / CAR:T / CAT:IT / DEF: 98	
				COMMENT:	
13 TEST_YEAR	ITDATEY	DATE OF TESTING/YEAR	VALUE	date of testing (year)	37- 38/N2.0.0.0
			99	missing	
			98	not admin.	
				VLD: (ITDATEY>=95.AND.ITDATEY<=96).OR.ITDATEY=99.OR.ITDATEY=98	
				Flags: SCR: 13 / CAR:T / CAT:IT / DEF: 98	
				COMMENT:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
14 ITPART	ITPART	PARTICIPATION STATUS/ACHIEVEMENT TEST	0	student was excluded & didn't partici	39 /C1.0.0.0
			1	student left school permanently	
			2	student absent in session	
			3	student participated in session	
				VLD: .T.	
				Flags: SCR: 14 / CAR:F / CAT:IT / DEF: 3	
			COMMENT:		
15 2A,2B,2C,4	PA13001	PA1P/NOTES DISPLAYED ON OSCILLOSCOPE (A)	1	a	40 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13001\$'12347698'	
				Flags: SCR: 15 / CAR:F / CAT:M1 / DEF: 8	
			COMMENT: PA1PE01 : Rep. Cat.: D Field Trial: P0415		
16 2A,2B,2C,4	PA13002	PA1P/THE HALF-LIFE OF THORIUM IS (B)	1	a	41 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13002\$'12347698'	
				Flags: SCR: 16 / CAR:F / CAT:M2 / DEF: 8	
			COMMENT: PA1PE02 : Rep. Cat.: E Field Trial: P0227		
17 2A,2B,2C,4	PA13003	PA1P/TENSION IN THREAD BETWEEN P + Q (C)	1	a	42 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13003\$'123457698'	
				Flags: SCR: 17 / CAR:F / CAT:M3 / DEF: 8	
			COMMENT: PA1PE03 : Rep. Cat.: A Field Trial: P0212 (changed)		

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
18 2A,2B,2C,4	PA13004	PA1P/CIRCUITS MOST LIKELY IN BOX (D)	1	a	43 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13004\$'123457698'	
				Flags: SCR: 18 / CAR:F / CAT:M4 / DEF: 8	
				COMMENT: PA1PE04 : Rep. Cat.: B Field Trial: P0121	
19 2A,2B,2C,4	PA13005	PA1P/HOW DEEP IS THE WELL (C)	1	a	44 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13005\$'123457698'	
				Flags: SCR: 19 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PE05 : Rep. Cat.: A Field Trial: P0216	
20 2A,2B,2C,4	PA13006	PA1P/WHERE THIRD CHARGE TO BE PLACED (D)	1	a	45 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13006\$'123457698'	
				Flags: SCR: 20 / CAR:F / CAT:M4 / DEF: 8	
				COMMENT: PA1PE06 : Rep. Cat.: B Field Trial: P0311	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
21 2A,2B,2C,4	PA13009	PA1P/READINGS WHEN SWITCH IS CLOSED (A)	1	a	46 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13009\$'12347698'	
				Flags: SCR: 21 / CAR:F / CAT:M1 / DEF: 8	
				COMMENT: PA1PE09 : Rep. Cat.: B Field Trial: P0314	
22 2A	PA13011	PA1P/STATEMENTS TO FRAUNHOFER LINES (B)	1	a	47 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13011\$'123457698'	
				Flags: SCR: 22 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PF01 : Rep. Cat.: D Field Trial: P0322	
23 2A	PA13012	PA1P/FORCE RECORDED ON SPRING M (C)	1	a	48 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13012\$'12347698'	
				Flags: SCR: 23 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PF02 : Rep. Cat.: A Field Trial: P0217 (changed)	
24 2A	PA13013	PA1P/SETUP OF RUTHERFORD EXPERIMENT (C)	1	a	49 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13013\$'12347698'	
				Flags: SCR: 24 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PF03 : Rep. Cat.: E Field Trial: P0426	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
25 2A	PA13014	PA1P/WHAT IS SPEED OF THE AIRCRAFT (B)	1	a	50 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13014\$'123457698'	
				Flags: SCR: 25 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PF04 : Rep. Cat.: A Field Trial: P0214 (changed)	
26 2A	PA13015	PA1P/PROCESS HEAT TRANSFER FROM SUN (C)	1	a	51 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13015\$'12347698'	
				Flags: SCR: 26 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PF05 : Rep. Cat.: C Field Trial: P0411 (changed)	
27 2A	PA13016	PA1P/DIRECTION IN WHICH WIRE MOVES (D)	1	a	52 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13016\$'123457698'	
				Flags: SCR: 27 / CAR:F / CAT:M4 / DEF: 8	
				COMMENT: PA1PF06 : Rep. Cat.: B Field Trial: P0316 (changed)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
28 2A	PA13017	PA1P/PHOTOELECTRIC EFFECT (D)	1	a	53 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13017\$'12347698'	
				Flags: SCR: 28 / CAR:F / CAT:M4 / DEF: 8	
				COMMENT: PA1PF07 : Rep. Cat.: E Field Trial: P0425 (changed)	
29 2A	PA13018	PA1P/WHICH BULBS USE THE LEAST POWER (C)	1	a	54 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13018\$'12347698'	
				Flags: SCR: 29 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PF08 : Rep. Cat.: B Field Trial: P0223	
30 2A	PA13019	PA1P/NUCLEAR CHANGE IN AN ATOM (B)	1	a	55 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13019\$'123457698'	
				Flags: SCR: 30 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PF09 : Rep. Cat.: E Field Trial: P0226	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
31 2A	PA13020	PA1P/SPEED-TIME GRAPHS FALLING BALL (B)	1	a	56 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13020\$'123457698'	
				Flags: SCR: 31 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PF10 : Rep. Cat.: A Field Trial: P0112	
32 2A	PA13021	PA1P/RADIATION TYPES IN WAVELENGTHS (A)	1	a	57 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: PA13021\$'12347698'	
				Flags: SCR: 32 / CAR:F / CAT:M1 / DEF: 8	
				COMMENT: PA1PF11 : Rep. Cat.: D Field Trial: P0220 (changed)	
33 2A	PA13022	PA1P/FINAL TEMPERATURE OF THE SYSTEM (*)	10	partial	58- 59/C2.0.0.0
			11	partial	
			12	partial	
			13	partial	
			19	other partial	
			20	correct	
			70	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: PA13022\$'10:11:12:13:19:20:70:79:90:96:99:98'	
				Flags: SCR: 33 / CAR:F / CAT:SA / DEF: 98	
				COMMENT: PA1PF12 : Rep. Cat.: C Field Trial: P0210 (changed)	



Var. No.	Question	Variable Name	Variable Label	Code	Option	Location/Format
34	2A	PA13023	PA1P/WAVELENGTH IN SHALLOW WATER (*)	10	correct	60- 61/C2.0.0.0
				11	correct	
				70	incorrect	
				71	incorrect	
				79	other incorrect	
				90	crossed out	
				96	not reached	
				99	missing	
				98	not admin.	
					VLD: PA13023\$'10:11:70:71:79:90:96:99:98'	
					Flags: SCR: 34 / CAR:F / CAT:SA / DEF: 98	
					COMMENT: PA1PF13 : Rep. Cat.: D Field Trial: P0211	
35	2A	PA13024	PA1P/ELECTRIC FIELD'S MAGNITUDE (*)	10	partial	62- 63/C2.0.0.0
				11	partial	
				12	partial	
				19	other partial	
				20	correct	
				70	incorrect	
				71	incorrect	
				79	other incorrect	
				90	crossed out	
				96	not reached	
				99	missing	
				98	not admin.	
					VLD: PA13024\$'10:11:12:19:20:70:71:79:90:96:99:98'	
					Flags: SCR: 35 / CAR:F / CAT:SA / DEF: 98	
					COMMENT: PA1PF14 : Rep. Cat.: B Field Trial: P0208 (changed)	
36	2A	PA13025	PA1P/METALS WHICH WILL EMIT ELECTRONS(*)	10	partial	64- 65/C2.0.0.0
				11	partial	
				12	partial	
				19	other partial	
				20	correct	
				21	correct	
				29	other correct	
				70	incorrect	
				71	incorrect	
				79	other incorrect	
				90	crossed out	
				96	not reached	
				99	missing	
				98	not admin.	
					VLD: PA13025\$'10:11:12:19:20:21:29:70:71:79:90:96:99:98'	
					Flags: SCR: 36 / CAR:F / CAT:EX / DEF: 98	
					COMMENT: PA1PF15 : Rep. Cat.: E Field Trial: P0304 (changed)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
37 2A	PA13026	PA1P/PARTICLE'S REVOLUTION (*)	10	partial	66- 67/C2.0.0.0
			11	partial	
			19	other partial	
			20	correct	
			29	other correct	
			70	incorrect	
			71	incorrect	
			72	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: PA13026\$'10:11:19:20:29:70:71:72:79:90:96:99:98'	
				Flags: SCR: 37 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PF16 : Rep. Cat.: B Field Trial: P0203 (changed)	
38 2A	PA13027A	PA1P/GRAVITY & UNCERTAINTY/VALUE G (*)	10	correct	68- 69/C2.0.0.0
			11	correct	
			12	correct	
			13	correct	
			14	correct	
			19	other correct	
			70	incorrect	
			71	incorrect	
			72	incorrect	
			73	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: PA13027A\$'10:11:12:13:14:19:70:71:72:73:79:90:96:99:98'	
				Flags: SCR: 38 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PF17A: Rep. Cat.: A Field Trial: P0101 (changed)	
39 DERIVED	PA13027D	PA1P/GRAPH: ACCELERATION TO GRAVITY (*)	10	partially correct	70- 71/C2.0.0.0
			20	correct response	
			70	incorrect response	
			79	other incor. response	
			90	crossed out, not interpretable	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: PA13027D\$'10#20#70#79#90#96#98#99'	
				Flags: SCR: 39 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PF17D:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
40 2B	PA13049	PA1P/ELECTRON IN MAGNETIC FIELD (C)	1	a	72 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013049\$'12347698'	
				Flags: SCR: 40 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PG01 : Rep. Cat.: B Field Trial: P0117 (changed)	
41 2B	PA13050	PA1P/WATER COMPARED TO STEAM (A)	1	a	73 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013050\$'123457698'	
				Flags: SCR: 41 / CAR:F / CAT:M1 / DEF: 8	
				COMMENT: PA1PG02 : Rep. Cat.: C Field Trial: P0128	
42 2B	PA13051	PA1P/COMPARISON OF OXYGEN + HYDROGEN (D)	1	a	74 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013051\$'12347698'	
				Flags: SCR: 42 / CAR:F / CAT:M4 / DEF: 8	
				COMMENT: PA1PG03 : Rep. Cat.: C Field Trial: P0326 (changed)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
43 2B	PA13053	PA1P/DIRECTION REFRACTED RAY OF LIGHT(A)	1	a	75 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013053\$'123457698'	
				Flags: SCR: 43 / CAR:F / CAT:M1 / DEF: 8	
				COMMENT: PA1PG05 : Rep. Cat.: D Field Trial: P0324	
44 2B	PA13054	PA1P/PROCESS STARS RELEASE ENERGY BY (D)	1	a	76 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013054\$'123457698'	
				Flags: SCR: 44 / CAR:F / CAT:M4 / DEF: 8	
				COMMENT: PA1PG06 : Rep. Cat.: E Field Trial: P0428	
45 2B	PA13055	PA1P/COLLISION OF CARS (B)	1	a	77 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013055\$'12347698'	
				Flags: SCR: 45 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PG07 : Rep. Cat.: A Field Trial: P0412	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
46 2B	PA13056	PA1P/REPRESENTS TOTAL MECH. ENERGY (E)	1	a	78 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013056\$'123457698'	
				Flags: SCR: 46 / CAR:F / CAT:M5 / DEF: 8	
				COMMENT: PA1PG08 : Rep. Cat.: A Field Trial: P0413	
47 2B	PA13057	PA1P/REAL FORCES ACTING ON THE RIDER (A)	1	a	79 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013057\$'12347698'	
				Flags: SCR: 47 / CAR:F / CAT:M1 / DEF: 8	
				COMMENT: PA1PG09 : Rep. Cat.: A Field Trial: P0215	
48 2B	PA13058	PA1P/MINIMUM VOLTAGE ON ELECTRODES (B)	1	a	80 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013058\$'12347698'	
				Flags: SCR: 48 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PG10 : Rep. Cat.: E Field Trial: P0424	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
49 2B	PA13059	PA1P/WATER LEVEL AS THE ICE MELTS (*)	10	partial	81- 82/C2.0.0.0
			11	partial	
			19	other partial	
			20	correct	
			29	other correct	
			70	incorrect	
			71	incorrect	
			72	incorrect	
			73	incorrect	
			74	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013059\$'10:11:19:20:29:70:71:72:73:74:79:90:96:99:98'	
				Flags: SCR: 49 / CAR:F / CAT:SA / DEF: 98	
				COMMENT: PA1PG11 : Rep. Cat.: C Field Trial: P0410 (changed)	
50 2B	PA13060	PA1P/MASS OF WHEAT CARRIED IN TRUCK (*)	10	partial	83- 84/C2.0.0.0
			11	partial	
			12	partial	
			13	partial	
			14	partial	
			19	other partial	
			20	correct	
			70	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013060\$'10:11:12:13:14:19:20:70:79:90:96:99:98'	
				Flags: SCR: 50 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PG12 : Rep. Cat.: A Field Trial: P0106 (changed)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
51 2B	PA13062	PA1P/PATHS OF ALPHA PARTICLES (*)	10	correct	85- 86/C2.0.0.0
			11	correct	
			70	incorrect	
			71	incorrect	
			72	incorrect	
			73	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
			VLD: S013062\$'10:11:70:71:72:73:79:90:96:99:98'		
			Flags: SCR: 51 / CAR:F / CAT:SA / DEF: 98		
			COMMENT: PA1PG14 : Rep. Cat.: E Field Trial: P0308		
			52 2B	PA13063	
70	incorrect				
71	incorrect				
72	incorrect				
73	incorrect				
74	incorrect				
79	other incorrect				
90	crossed out				
96	not reached				
99	missing				
98	not admin.				
VLD: S013063\$'10:70:71:72:73:74:79:90:96:99:98'					
Flags: SCR: 52 / CAR:F / CAT:SA / DEF: 98					
COMMENT: PA1PG15 : Rep. Cat.: A Field Trial: P0207					
53 2B	PA13064	PA1P/WATERBOTTLE WITH HOLES (*)			10
			11	partial	
			19	other partial	
			20	correct	
			29	other correct	
			70	incorrect	
			71	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
			VLD: S013064\$'10:11:19:20:29:70:71:79:90:96:99:98'		
			Flags: SCR: 53 / CAR:F / CAT:EX / DEF: 98		
			COMMENT: PA1PG16 : Rep. Cat.: A Field Trial: P0201 (changed)		

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
54 2B	PA13065	PA1P/DIRECTION OF FORCE TO CURRENT (*)	10	correct	91- 92/C2.0.0.0
			70	incorrect	
			71	incorrect	
			72	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013065\$'10:70:71:72:79:90:96:99:98'	
				Flags: SCR: 54 / CAR:F / CAT:SA / DEF: 98	
				COMMENT: PA1PG17 : Rep. Cat.: B Field Trial: P0307	
55 2B	PA13066	PA1P/WHY ALPHA PARTICLES PASS SHEET (*)	10	partial	93- 94/C2.0.0.0
			19	other partial	
			20	correct	
			29	other correct	
			70	incorrect	
			71	incorrect	
			72	incorrect	
			73	incorrect	
			74	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013066\$'10:19:20:29:70:71:72:73:74:79:90:96:99:98'	
				Flags: SCR: 55 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PG18 : Rep. Cat.: E Field Trial: P0302 (changed)	
56 2B	PA13067	PA1P/FALLING RING AND MAGNET (*)	10	partial	95- 96/C2.0.0.0
			19	other partial	
			20	correct	
			21	correct	
			29	other correct	
			70	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013067\$'10:19:20:21:29:70:79:90:96:99:98'	
				Flags: SCR: 56 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PG19 : Rep. Cat.: B Field Trial: P0204 (changed)	



Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
57 2C	PA13068	PA1P/STATEMENTS TO BOXES SLIDING DOWN(C)	1	a	97 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013068\$'12347698'	
				Flags: SCR: 57 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PH01 : Rep. Cat.: A Field Trial: P0213	
58 2C	PA13069	PA1P/WHEN A LIQUID EVAPORATES (D)	1	a	98 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013069\$'12347698'	
				Flags: SCR: 58 / CAR:F / CAT:M4 / DEF: 8	
				COMMENT: PA1PH02 : Rep. Cat.: C Field Trial: P0420	
59 2C	PA13070	PA1P/PHOTOELECTRONIC EFFECT ON METAL (A)	1	a	99 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013070\$'12347698'	
				Flags: SCR: 59 / CAR:F / CAT:M1 / DEF: 8	
				COMMENT: PA1PH03 : Rep. Cat.: E Field Trial: P0319	
60 2C	PA13071	PA1P/STRING TENSION AS SYSTEM FALLS (A)	1	a	100 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013071\$'12347698'	
				Flags: SCR: 60 / CAR:F / CAT:M1 / DEF: 8	
				COMMENT: PA1PH04 : Rep. Cat.: A Field Trial: P0114 (changed)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
61 2C	PA13072	PA1P/LENGTH OF SPACESHIP IN FLIGHT (B)	1	a	101 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013072\$'12347698'	
				Flags: SCR: 61 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PH05 : Rep. Cat.: E Field Trial: P0427	
62 2C	PA13073	PA1P/ROTATION: WHEN EMF AT MAXIMUM (C)	1	a	102 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013073\$'12347698'	
				Flags: SCR: 62 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PH06 : Rep. Cat.: B Field Trial: P0313	
63 2C	PA13074	PA1P/PRESSURE/TEMPERATURE GRAPHS (B)	1	a	103 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013074\$'12347698'	
				Flags: SCR: 63 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PH07 : Rep. Cat.: C Field Trial: P0418 (changed)	
64 2C	PA13075	PA1P/PATH OF ELECTRONS IN ELEC. FIELD(D)	1	a	104 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013075\$'123457698'	
				Flags: SCR: 64 / CAR:F / CAT:M4 / DEF: 8	
				COMMENT: PA1PH08 : Rep. Cat.: B Field Trial: P0221	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
65 2C	PA13076	PA1P/VELOCITY OF LIGHT IN BLOCKS (B)	1	a	105 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			5	e	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013076\$'123457698'	
				Flags: SCR: 65 / CAR:F / CAT:M2 / DEF: 8	
				COMMENT: PA1PH09 : Rep. Cat.: D Field Trial: P0417 (changed)	
66 2C	PA13077	PA1P/VECTOR SUM OF ELECTRIC FORCES (C)	1	a	106 /C1.0.0.0
			2	b	
			3	c	
			4	d	
			7	two or more responses, uninterpretable	
			6	not reached	
			9	missing (blank only)	
			8	not admin.	
				VLD: S013077\$'12347698'	
				Flags: SCR: 66 / CAR:F / CAT:M3 / DEF: 8	
				COMMENT: PA1PH10 : Rep. Cat.: B Field Trial: P0122	
67 2C	PA13079	PA1P/DIRECTION OF MOTION ON STRING (*)	10	correct	107- 108/C2.0.0.0
			70	incorrect	
			71	incorrect	
			72	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013079\$'10:70:71:72:79:90:96:99:98'	
				Flags: SCR: 67 / CAR:F / CAT:SA / DEF: 98	
				COMMENT: PA1PH12 : Rep. Cat.: D Field Trial: P0310 (changed)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
68 2C	PA13080	PA1P/GRAPH LINE NOT THROUGH ORIGIN (*)	10	correct	109- 110/C2.0.0.0
			11	correct	
			19	other correct	
			70	incorrect	
			71	incorrect	
			72	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013080\$'10:11:19:70:71:72:79:90:96:99:98'	
				Flags: SCR: 68 / CAR:F / CAT:SA / DEF: 98	
				COMMENT: PA1PH13 : Rep. Cat.: A Field Trial: P0205	
69 2C	PA13081	PA1P/FREEZING WATER LAKE IN MOUNTAINS(*)	10	partial	111- 112/C2.0.0.0
			11	partial	
			19	other partial	
			20	correct	
			29	other correct	
			70	incorrect	
			71	incorrect	
			72	incorrect	
			73	incorrect	
			76	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013081\$'10:11:19:20:29:70:71:72:73:76:79:90:96:99:98'	
				Flags: SCR: 69 / CAR:F / CAT:SA / DEF: 98	
				COMMENT: PA1PH14 : Rep. Cat.: C Field Trial: P0110 (changed)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
70 2C	PA13083	PA1P/ELECTRON SPEED IN E,B FIELDS (*)	10	partial	113- 114/C2.0.0.0
			11	partial	
			12	partial	
			13	partial	
			19	other partial	
			20	correct	
			21	correct	
			70	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
			VLD: S013083\$'10:11:12:13:19:20:21:70:79:90:96:99:98'		
			Flags: SCR: 70 / CAR:F / CAT:SA / DEF: 98		
			COMMENT: PA1PH16 : Rep. Cat.: B Field Trial: P0109 (changed)		
71 2C	PA13084	PA1P/RESISTANCE RESISTOR SHOULD HAVE (*)	10	partial	115- 116/C2.0.0.0
			11	partial	
			12	partial	
			19	other partial	
			20	correct	
			21	correct	
			29	other correct	
			70	incorrect	
			71	incorrect	
			72	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
			VLD: S013084\$'10:11:12:19:20:21:29:70:71:72:79:90:96:99:98'		
Flags: SCR: 71 / CAR:F / CAT:SA / DEF: 98					
COMMENT: PA1PH17 : Rep. Cat.: B Field Trial: P0306 (changed)					

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
72 2C	PA13085	PA1P/TV SET AS PARTICLE ACCELERATOR (*)	10	partial	117- 118/C2.0.0.0
			19	other partial	
			20	correct	
			29	other correct	
			70	incorrect	
			76	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013085\$'10:19:20:29:70:76:79:90:96:99:98'	
				Flags: SCR: 72 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PH18 : Rep. Cat.: E Field Trial: P0404 (changed)	
73 2C	PA13086A	PA1P/SPEED OF SOUND/OUTLINE (*)	10	partial	119- 120/C2.0.0.0
			11	partial	
			12	partial	
			13	partial	
			19	other partial	
			20	correct	
			29	other correct	
			70	incorrect	
			79	other incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013086A\$'10:11:12:13:19:20:29:70:79:90:96:99:98'	
				Flags: SCR: 73 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PH19A: Rep. Cat.: D Field Trial: P0403 (changed)	
74 2C	PA13086B	PA1P/SPEED OF SOUND/REASON (*)	10	correct	121- 122/C2.0.0.0
			11	correct	
			19	other correct	
			79	incorrect	
			90	crossed out	
			96	not reached	
			99	missing	
			98	not admin.	
				VLD: S013086B\$'10:11:19:79:90:96:99:98'	
				Flags: SCR: 74 / CAR:F / CAT:EX / DEF: 98	
				COMMENT: PA1PH19B: Rep. Cat.: D Field Trial: P0403 (changed)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
75 WEIGHT	JKREP	JACKKNIFE REPLICATE CODE	0	zero weight	123 /N1.0.0.0
			1	double weight	
				VLD: .T.	
				Flags: SCR: 75 / CAR:F / CAT:JCKF / DEF:	
				COMMENT:	
76 WEIGHT	WGTFAC1	SCHOOL WEIGHT FACTOR	VALUE	Weight	124- 136/N13..9.0
				VLD: .T.	
				Flags: SCR: 76 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
77 WEIGHT	WGTADJ1	SCHOOL WEIGHT ADJUSTMENT	VALUE	Adjustment factor	137- 149/N13..9.0
				VLD: .T.	
				Flags: SCR: 77 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
78 WEIGHT	WGTFAC2	CLASSROOM WEIGHT FACTOR	VALUE	Weight	150- 151/N2.0.0.0
				VLD: .T.	
				Flags: SCR: 78 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
79 WEIGHT	WGTFAC3	STUDENT WEIGHT FACTOR	VALUE	Weight	152- 164/N13..9.0
				VLD: .T.	
				Flags: SCR: 79 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
80 WEIGHT	WGTADJ3	STUDENT WEIGHT ADJUSTMENT	VALUE	Adjustment factor	165- 177/N13..9.0
				VLD: .T.	
				Flags: SCR: 80 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
81 WEIGHT	WGTADJP	PHYS SCALE ADJUSTMENT FACTOR	VALUE	Adjustment factor	178- 190/N13..9.0
				VLD: .T.	
				Flags: SCR: 81 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
82 WEIGHT	TOTWGT	TOTAL STUDENT WEIGHT	VALUE	Weight	191- 200/N10..4.0
				VLD: .T.	
				Flags: SCR: 82 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
83 WEIGHT	HOUWGT	HOUSE WEIGHT	VALUE	Weight	201- 213/N13..9.0
				VLD: .T.	
				Flags: SCR: 83 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
84 WEIGHT	SENWGT	SENATE WEIGHT	VALUE	Weight VLD: .T. Flags: SCR: 84 / CAR:F / CAT:SWGT / DEF: COMMENT:	214- 226/N13..9.0
85 SYSTEM	DPCDATE	FILE CREATION DATE AT DPC HAMBURG	VALUE 9999999 9999999	DPCDATE PROC omitted not admin. VLD: .T. Flags: SCR: 85 / CAR:F / CAT:PROC / DEF: COMMENT:	227- 232/N6.0.0.0
86 WEIGHT	JKZONE	JACKKNIFE ZONE	VALUE 99 98	JKZONE JCKF omitted not admin. VLD: .T. Flags: SCR: 86 / CAR:F / CAT:JCKF / DEF: COMMENT:	233- 234/N2.0.0.0
87 SCORE	PSPPHY01	PHYSICS PV1	VALUE 999 998	PSPPHY01 ISCR omitted not admin. VLD: .T. Flags: SCR: 87 / CAR:F / CAT:ISCR / DEF: COMMENT:	235- 240/N6.0.2.0
88 SCORE	PSPPHY02	PHYSICS PV2	VALUE 999 998	PSPPHY02 ISCR omitted not admin. VLD: .T. Flags: SCR: 88 / CAR:F / CAT:ISCR / DEF: COMMENT:	241- 246/N6.0.2.0
89 SCORE	PSPPHY03	PHYSICS PV3	VALUE 999 998	PSPPHY03 ISCR omitted not admin. VLD: .T. Flags: SCR: 89 / CAR:F / CAT:ISCR / DEF: COMMENT:	247- 252/N6.0.2.0
90 SCORE	PSPPHY04	PHYSICS PV4	VALUE 999 998	PSPPHY04 ISCR omitted not admin. VLD: .T. Flags: SCR: 90 / CAR:F / CAT:ISCR / DEF: COMMENT:	253- 258/N6.0.2.0



Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
91 SCORE	PSPPHY05	PHYSICS PV5	VALUE	PSPPHY05 ISCR	259- 264/N6.0.2.0
			999	omitted	
			998	not admin.	
				VLD: .T.	
				Flags: SCR: 91 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	
92 BENCHMARK	PSPIBM01	PHYSICS INTL BNCHMRK REACHED WITH 1ST PV	1	BELOW 475	265 /C1.0.0.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM01\$'1#2#3#4#9#8'	
				Flags: SCR: 92 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	
93 BENCHMARK	PSPIBM02	PHYSICS INTL BNCHMRK REACHED WITH 2ND PV	1	BELOW 475	266 /C1.0.0.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM02\$'1#2#3#4#9#8'	
				Flags: SCR: 93 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	
94 BENCHMARK	PSPIBM03	PHYSICS INTL BNCHMRK REACHED WITH 3RD PV	1	BELOW 475	267 /C1.0.0.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM03\$'1#2#3#4#9#8'	
				Flags: SCR: 94 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	
95 BENCHMARK	PSPIBM04	PHYSICS INTL BNCHMRK REACHED WITH 4TH PV	1	BELOW 475	268 /C1.0.0.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM04\$'1#2#3#4#9#8'	
				Flags: SCR: 95 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
96 BENCHMARK	PSPIBM05	PHYSICS INTL BNCHMRK REACHED WITH 5TH PV	1	BELOW 475	269 /C1.0.0.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM05\$'1#2#3#4#9#8'	
				Flags: SCR: 96 / CAR:F / CAT:ISCR / DEF:	
			COMMENT:		