

EXHIBIT S

WA-AIM: Spring & Fall HS Retakes 2022

Business Rules for the Student Data File (SDF)

Ref #	File Generation	Administration	Business Rules	Change Log
1000	SDF	Spring & Fall	DRC will generate one or more of the following student data files (SDFs) as required for the administration (refer to the project schedule/key dates for more information): 1. High School Student Data File (for graduation requirements) 2. Student Data File (cumulative, for Bluedot Review/Final reporting) 3. Final Student Data File (for Final reporting; will only be generated if changes are made between Bluedot review and Final reporting)	
1010	Distribution Method	Spring & Fall	The file(s) shall be posted to OSPI's SFTP site in the following location: /WAAIM_Data/<YYYY> Score Data Where: YYYY = test administration year - i.e. 2021	
1020	Special Considerations	Spring & Fall	Refer to the Student Data File (SDF) Layout tab and Content Category Map tab for fields, valid values, and additional requirements.	
	Record	Administration		
1100	Scores to Include	Spring & Fall	Each student record shall contain the students' scores for all content areas and content standards assessed.	
1110	Class Grade (Assessed Grade) Levels to Include	Spring & Fall	A student that has multiple, varying Class Grade (Assessed Grade) levels shall have a separate record on the SDF – one for each Class Grade (Assessed Grade) level.	
1120	Matching Criteria	Spring & Fall	The following matching criteria shall be used for record creation: - SSID - Reporting grade - Assessed grade - Testing District Code - Testing School Code	
1130	Students to Include/ Exclude	Spring & Fall	Include: 1. Students with a valid attempt for a content area. 2. Students with no valid attempt for the content area that were indicated "not tested" during handscoring. <i>Additional inclusion criteria for High School Student Data File only:</i> 3. Students with a reporting grade of 10, 11, or 12. Exclude: 1. Students that were Pre-ID'd but were not in a registration. 2. Students that were in a registration with a status of "not started" or "in progress". - If the student has valid attempt(s) in other content area(s), the content area with a status of "not started" or "in progress" shall be blank on the SDF.	C, 5/13/22 - add additional inclusion criteria for High School Student Data File only
	State and	Administration		

Ref #	File Generation	Administration	Business Rules	Change Log
1200	Class Grade (Assessed Grade)	Spring & Fall	Class Grade (Assessed Grade) = "HS" shall be used when the assessment grade = 10 or 11 or 12.	
1210	Science Fields	Spring & Fall	For reporting grades 3, 4, 6, and 7, the fields designated for Science shall be blank.	
1220	Non-Assessed Content Area	Spring & Fall	If a content area is not assessed, the content area scores, content area Alternate Achievement Level, and content standard scores and data shall be blank.	
1230	Scoring/Reporting Scenarios	Spring & Fall	Refer to the WA-AIM Scoring/Reporting Scenarios tab in WA-AIM Reporting requirments document for additional information on score reporting.	
1240	Engagement Rubric Data	Spring & Fall	Populating Engagement Rubric Data on the SDF: - The Engagement Rubric flag shall be "1" - Score data shall be populated in the Weighted Score "Standard 1" field(s) for the assessed grade. - Non-score data shall be populated in the Status Code "Standard 1" field(s).	
1250	Not Tested Data	Spring & Fall	Populating Not Tested Data on the SDF: - When a content standard receives a non-score code "A" (not tested) from handscoring, the Complexity Level (APL) fields are populated based on the level of the registered form.	
1260	Invalidated Test Data	Spring & Fall	Populating OSPI Invalidated Test Data on the SDF: - When a content standard is identified as OSPI Invalidated with or without non-score codes from handscoring (where Status Code = "V", "X", or "Y"), the Complexity Level (APL) fields are populated based on the level of the registered form. - When a content standard is identified as OSPI Invalidated without non-score codes from handscoring (Status Code = "V"), the Weighted Score fields are populated as applicable.	
	Record Sorting	Administration		
1400	SDF	Spring & Fall	No file sort requirements shall be needed.	
	File Format	Administration		
1500	File Format	Spring & Fall	The file shall be fixed-length text (.txt) format.	
	File Naming	Administration		

Ref #	File Generation	Administration	Business Rules	Change Log
1600	SDF	Spring & Fall	<State>_<TestName>_<Season><TestYear>_<HS><DataFileName>_<CreationDate>_<Version>.txt Where: <State> = "WA" <TestName> = "AIM" <Season> = "S" (spring) or "F" (fall) <TestYear> = <YY> (e.g. "21") <HS> = "HS_" or N/A - optional - only include for High School Student Data File <DataFileName> = SDF <CreationDate> = format MMDDCCYY <Version> = starting with "1"; counting up, if additional versions are created Example: WA_AIM_S22_SDF_05232022_1.txt WA_AIM_S22_HS_SDF_05232022_1.txt	C, 5/31/22 - add additional criteria for High School Student Data File and add examples

WA-AIM: Spring & Fall HS Retakes 2022
Student Data File (SDF) Layout

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
1	11	11	RecordID	Numeric - 0-9	Unique by record; same value for an entire admin (admin example: spring 2017)	No	No	
12	50	39	Testing District Name	A-Z, embedded blanks (cannot be completely blank)		Yes	Yes	
51	76	26	Testing District Code	Numeric (00000-99999)		No	No	
77	78	2	Class Grade (Assessed Grade)	03,04,05,06,07,08, HS		Yes	Yes	
79	110	32	Filler1	Blank		--	--	
111	149	39	Testing School Name	A-Z, embedded blanks (cannot be completely blank)		Yes	Yes	
150	175	26	Testing School Code	Numeric - 0-9 or blank		No	No	
176	240	65	Filler2a	Blank		--	--	
241	270	30	Test Name	"WA-AIM" for Spring or "WA-AIM RETEST" for Fall High school Retest		No	No	
271	274	4	Filler2b	Blank		--	--	
275	280	6	Test Date (MMDDYY)	0-9 MMDDYY (leading Zeroes on MM & DD)	Last date of the statewide testing window	No	No	
281	293	13	Filler2c	Blank		--	--	
294	303	10	DRC Student ID	Numeric 0-9	Unique by student, admin	Yes	Yes	
304	304	1	Filler2d	Blank		--	--	
305	321	17	Student Last Name	A-Z,0-9,or embedded blanks, .-'!@#%&*()_+=~<>?/{}~\ (includes apostrophe)		Yes	Yes	
322	330	9	Student First Name	A-Z,0-9,or embedded blanks, .-'!@#%&*()_+=~<>?/{}~\ (includes apostrophe)		Yes	Yes	
331	331	1	Student Middle Initial	A-Z,0-9,blanks, .-'!@#%&*()_+=~<>?/{}~\		No	Yes	
332	339	8	Student Birth Date	MMDDYYYY MM- 0-12 DD- 0-9 YYYY – 0-9 or blank		No	Yes	
340	340	1	Student Gender	Alpha F = Female, M = Male, blank		No	No	
341	350	10	State Student ID (SSID)	A-Z,0-9,or blank		Yes	Yes	
351	360	10	District Student ID	A-Z,0-9,or blank		No	No	
361	362	2	Student Reporting Grade (from PreID)	03-08, 10, 11, 12		Yes	Yes	
363	369	7	Filler3	Blank		--	--	
370	370	1	New Non-English Proficient (NNEP) Status	Alpha; Y = NNEP; N = not NNEP		No	Conditional; if Y <u>and</u> Status Code for the Content Area =2 display NNEP OR if Y <u>and</u> Total Score <u>and</u> Status Code for the content area is blank display NNEP	
371	400	30	Filler4	Blank		--	--	
401	401	1	Engagement Rubric Student	1=Engagement Rubric else Blank		No	No	
402	547	146	Filler6 (no Filler5)	Blank		--	--	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
548	548		1 Alternate Achievement Level: ELA	1=Has Not Met, 2=Nearly Meets, 3=Meets, 4=Exceeds, blank		Yes	Yes	
549	551	3	Total Score: ELA	Numeric score or Blank		Yes	Yes	
552	554	3	Status Code: ELA	The content area status codes are as follows: 2 = one or more ELA content standard was indicated in handscoring "Not Tested". Blank when Total Score: ELA is not blank OR if content area was not assessed.		Conditional; if 2 display NT for the content area total score	Conditional; if 2 display NT for the content area total score	
555	584	30	Filler7	Blank		--	--	
585	585	1	Alternate Achievement Level: Math	1=Has Not Met, 2=Nearly Meets, 3=Meets, 4=Exceeds, blank		Yes	Yes	
586	588	3	Total Score: Math	Numeric score or Blank		Yes	Yes	
589	591	3	Status Code: Math	The content area status codes are as follows: 2 = one or more Math content standard was indicated in handscoring "Not Tested". Blank when Total Score: Math is not blank OR if content area was not assessed.		Conditional; if 2 display NT for the content area total score	Conditional; if 2 display NT for the content area total score	
592	621	30	Filler8	Blank		--	--	
622	622	1	Alternate Achievement Level: Science	1=Has Not Met, 2=Nearly Meets, 3=Meets, 4=Exceeds, blank		Yes	Yes	
623	625	3	Total Score: Science	Numeric score or Blank		Yes	Yes	
626	628	3	Status Code: Science	Applicable to Assessed Grade Levels 5, 8 & HS only. The content area status codes are as follows: 2 = one or more Science content standard was indicated in handscoring "Not Tested". Blank when Total Score: Science is not blank OR if content area was not assessed OR if Assessed Grade Level is 3, 4, 6, 7.		Conditional; if 2 display NT for the content area total score	Conditional; if 2 display NT for the content area total score	
629	658	30	Filler9	Blank		--	--	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
659	659	1	Status Code ELA Standard 1 (RL) Reading Literature-Assessed Gr 3, 4, 5, 6, 7 and HS; Status Code ELA for Engagement Rubric student-Assessed Gr 3, 4, 5, 6, 7 and HS;	Blank=Valid Attempt/No Violations <u>Non-Score/Violation codes (from handscoring)</u> A = Not Tested I = Req not met or restrictions violated V = OSPI Invalidated W = OSPI Invalidated + Not Tested X = OSPI Invalidated + Req not met or restrictions violated	ELA Standard 1 (Assessed Gr 3-7, HS)	Conditional - if non-ER student: if "I" display as NS for the content standard score. If "A" display as NT for the content standard score. No if ER student. Conditional - OSPI Invalidated: Non-ER Student - If "V", "W", or "X" display as INV for the content standard score. - If "V", "W", or "X" for all 5 content standards for the content area, then display as INV for the content area score. ER Student - if "V", "W", or "X" for the Engagement Rubric designated Status Code, then display as INV for the content area score.	Conditional - if non-ER student: if "I" display as NS for the content standard score. If "A" display as NT for the content standard score. No if ER student. Conditional - OSPI Invalidated: Non-ER Student - If "V", "W", or "X" display as INV for the content standard score. - If "V", "W", or "X" for all 5 content standards for the content area, then display as INV for the content area score. ER Student - if "V", "W", or "X" for the Engagement Rubric designated Status Code, then display as INV for the content area score.	
660	660	1	Status Code ELA Standard 2 (RI) Reading Informational Text-Assessed Gr 3-8 and HS Status Code ELA for Engagement Rubric student-Assessed Gr 8	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	ELA Standard 1 (Assessed Gr 8); ELA Standard 2 (Assessed Gr 3-7, HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
661	661	1	Status Code ELA Standard 3 (RI) Reading Informational Text: Integration-Assessed Gr 8	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	ELA Standard 2 (Assessed Gr 8)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
662	662	1	Status Code ELA Standard 4 (RF) Reading Foundational Skills-Assessed Gr 3, 4, 5	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	ELA Standard 3 (Assessed Gr 3-5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
663	663	1	Status Code ELA Standard 5 (W) Writing Assessed Gr 3-8 and HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	ELA Standard 3 (Assessed Gr 6-8, HS); ELA Standard 4 (Assessed Gr 3-5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
664	664	1	Status Code ELA Standard 6 (W) Writing-Research to Build & Present Knowledge-Assessed Gr HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	ELA Standard 4 (Assessed Gr HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
665	665	1	Status Code ELA Standard 7 (SL) Speaking & Listening-Assessed Gr 3-8 and HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	ELA Standard 4 (Assessed Gr 6-8); ELA Standard 5 (Assessed Gr 3-5, HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
666	666	1	Status Code ELA Standard 8 (L) Language-Assessed Gr 6, 7, 8	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	ELA Standard 5 (Assessed Gr 6-8)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
667	667		1 Status Code Math Standard 1 (A-CED) Algebra-Creating Equations-Assessed Gr HS; Status Code Math for Engagement Rubric student-Assessed Gr HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 1 (Assessed Gr HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
668	668		1 Status Code Math Standard 2 (A-REI) Algebra-Reasoning with Equations & Inequalities-Assessed Gr HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 2 (Assessed Gr HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
669	669		1 Status Code Math Standard 3 (G) Geometry-Assessed Gr 3-8 and HS; Status Code Math for Engagement Rubric student-Assessed Gr 3-8	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 1 (Assessed Gr 3-8); Math Standard 3 (Assessed Gr HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
670	670		1 Status Code Math Standard 4 (MD) Measurement & Data-Assessed Gr 3, 4, 5	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 2 (Assessed Gr 3-5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
671	671		1 Status Code Math Standard 5 (NBT) Number & Operations in Base Ten-Assessed Gr 3, 4, 5	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 3 (Assessed Gr 3-5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
672	672		1 Status Code Math Standard 6 (NF) Number & Operations – Fractions-Assessed Gr 3, 4, 5	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 4 (Assessed Gr 3-5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
673	673		1 Status Code Math Standard 7 (OA) Operations & Algebraic Thinking-Assessed Gr 3, 4, 5	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 5 (Assessed Gr 3-5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
674	674		1 Status Code Math Standard 8 (EE) Expressions & Equations-Assessed Gr 6, 7, 8	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 2 (Assessed Gr 6-8)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
675	675		1 Status Code Math Standard 9 (F) Functions-Assessed Gr 8	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 3 (Assessed Gr 8)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
676	676		1 Status Code Math Standard 10 (NS/N-RN) The Number System / Real Number System-Assessed Gr 6, 7, 8 and HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 3 (Assessed Gr 6-7); Math Standard 4 (Assessed Gr 8); Math Standard 4 (Assessed Gr HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
677	677		1 Status Code Math Standard 11 (RP) Ratios & Proportional Relationships-Assessed Gr 6, 7	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 4 (Assessed Gr 6-7)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
678	678		1 Status Code Math Standard 12 (SP/S-ID) Statistics & Probability-Assessed Gr 6, 7, 8 and HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Math Standard 5 (Assessed Gr 6-8, HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
679	679		1 Status Code Science Standard 1 (ETS1) Engineering & Technology-Engineering Design-Assessed Gr 5, 8 and HS Status Code Science for Engagement Rubric student-Assessed Gr 5, 8 and HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 1 (Assessed Gr 5, 8, HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
680	680		1 Status Code Science Standard 2 (LS1) Life Sciences-From Molecules to Organisms: Structure and Processes-Assessed Gr 5	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 2 (Assessed Gr 5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
681	681		1 Status Code Science Standard 3 (LS2) Life Sciences-Ecosystems: Interactions, Energy, and Dynamics-Assessed Gr 8 and HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 2 (Gr 8, HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
682	682		1 Status Code Science Standard 4 (PS1) Physical Sciences-Matter and Its Interactions-Assessed Gr 5 and HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 3 (Assessed Gr 5, HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
683	683		1 Status Code Science Standard 5 (PS2) Physical Sciences-Motion and Stability: Forces and Interactions-Assessed Gr 5	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 4 (Assessed Gr 5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
684	684		1 Status Code Science Standard 6 (PS3) Physical Sciences-Energy-Assessed Gr 8	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 3 (Assessed Gr 8)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
685	685		1 Status Code Science Standard 7 (ESS1) Earth and Space Sciences-Earth's Place in the Universe-Assessed Gr 5 and 8	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 4 (Assessed Gr 8); Science Standard 5 (Assessed Gr 5)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
686	686		1 Status Code Science Standard 8 (ESS2) Earth and Space Sciences-Earth's Systems-Assessed Gr 8 and HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 5 (Assessed Gr 8); Science Standard 4 (Assessed Gr HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
687	687		1 Status Code Science Standard 9 (ESS3) Earth and Space Sciences-Earth and Human Activity-Assessed Gr HS	A, I, V, W, X, or Blank (See ELA Standard 1 for decode)	Science Standard 5 (Assessed Gr HS)	Conditional/No, see ELA Standard 1	Conditional/No, see ELA Standard 1	
688	718	31	Filler10	Blank		--	--	
719	719		1 Complexity Level (APL) ELA Standard 1 (RL) Reading Literature-Assessed Gr 3, 4, 5, 6, 7 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	ELA Standard 1 (Assessed Gr 3-7, HS)	Yes	Yes	
720	720		1 Complexity Level (APL) ELA Standard 2 (RI) Reading Informational Text-Assessed Gr 3-8 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	ELA Standard 1 (Assessed Gr 8); ELA Standard 2 (Assessed Gr 3-7, HS)	Yes	Yes	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
721	721		1 Complexity Level (APL) ELA Standard 3 (RI) Reading Informational Text: Integration-Assessed Gr 8	M=More complex, I=Intermediate complexity, and L=Less complex or blank	ELA Standard 2 (Assessed Gr 8)	Yes	Yes	
722	722		1 Complexity Level (APL) ELA Standard 4 (RF) Reading Foundational Skills-Assessed Gr 3, 4, 5	M=More complex, I=Intermediate complexity, and L=Less complex or blank	ELA Standard 3 (Assessed Gr 3-5)	Yes	Yes	
723	723		1 Complexity Level (APL) ELA Standard 5 (W) Writing Assessed Gr 3-8 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	ELA Standard 3 (Assessed Gr 6-8, HS); ELA Standard 4 (Assessed Gr 3-5)	Yes	Yes	
724	724		1 Complexity Level (APL) ELA Standard 6 (W) Writing-Research to Build & Present Knowledge-Assessed Gr HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	ELA Standard 4 (Assessed Gr HS)	Yes	Yes	
725	725		1 Complexity Level (APL) ELA Standard 7 (SL) Speaking & Listening-Assessed Gr 3-8 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	ELA Standard 4 (Assessed Gr 6-8); ELA Standard 5 (Assessed Gr 3-5, HS)	Yes	Yes	
726	726		1 Complexity Level (APL) ELA Standard 8 (L) Language-Assessed Gr 6, 7, 8	M=More complex, I=Intermediate complexity, and L=Less complex or blank	ELA Standard 5 (Assessed Gr 6-8)	Yes	Yes	
727	727		1 Complexity Level (APL) Math Standard 1 (A-CED) Algebra-Creating Equations-Assessed Gr HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 1 (Assessed Gr HS)	Yes	Yes	
728	728		1 Complexity Level (APL) Math Standard 2 (A-REI) Algebra-Reasoning with Equations & Inequalities-Assessed Gr HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 2 (Assessed Gr HS)	Yes	Yes	
729	729		1 Complexity Level (APL) Math Standard 3 (G) Geometry-Assessed Gr 3-8 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 1 (Assessed Gr 3-8); Math Standard 3 (Assessed Gr HS)	Yes	Yes	
730	730		1 Complexity Level (APL) Math Standard 4 (MD) Measurement & Data-Assessed Gr 3, 4, 5	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 2 (Assessed Gr 3-5)	Yes	Yes	
731	731		1 Complexity Level (APL) Math Standard 5 (NBT) Number & Operations in Base Ten-Assessed Gr 3, 4, 5	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 3 (Assessed Gr 3-5)	Yes	Yes	
732	732		1 Complexity Level (APL) Math Standard 6 (NF) Number & Operations – Fractions-Assessed Gr 3, 4, 5	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 4 (Assessed Gr 3-5)	Yes	Yes	
733	733		1 Complexity Level (APL) Math Standard 7 (OA) Operations & Algebraic Thinking-Assessed Gr 3, 4, 5	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 5 (Assessed Gr 3-5)	Yes	Yes	
734	734		1 Complexity Level (APL) Math Standard 8 (EE) Expressions & Equations-Assessed Gr 6, 7, 8	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 2 (Assessed Gr 6-8)	Yes	Yes	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
735	735		1 Complexity Level (APL) Math Standard 9 (F) Functions-Assessed Gr 8	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 3 (Assessed Gr 8)	Yes	Yes	
736	736		1 Complexity Level (APL) Math Standard 10 (NS/N-RN) The Number System / Real Number System-Assessed Gr 6, 7, 8, and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 3 (Assessed Gr 6-7); Math Standard 4 (Assessed Gr 8); Math Standard 4 (Assessed Gr HS)	Yes	Yes	
737	737		1 Complexity Level (APL) Math Standard 11 (RP) Ratios & Proportional Relationships-Assessed Gr 6, 7	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 4 (Assessed Gr 6-7)	Yes	Yes	
738	738		1 Complexity Level (APL) Math Standard 12 (SP/S-ID) Statistics & Probability-Assessed Gr 6, 7, 8 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Math Standard 5 (Assessed Gr 6-8, HS)	Yes	Yes	
739	739		1 Complexity Level (APL) Science Standard 1 (ETS1) Engineering & Technology-Engineering Design-Assessed Gr 5, 8 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 1 (Assessed Gr 5, 8, HS)	Yes	Yes	
740	740		1 Complexity Level (APL) Science Standard 2 (LS1) Life Sciences-From Molecules to Organisms: Structure and Processes-Assessed Gr 5	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 2 (Assessed Gr 5)	Yes	Yes	
741	741		1 Complexity Level (APL) Science Standard 3 (LS2) Life Sciences-Ecosystems: Interactions, Energy, and Dynamics-Assessed Gr 8 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 2 (Gr 8, HS)	Yes	Yes	
742	742		1 Complexity Level (APL) Science Standard 4 (PS1) Physical Sciences-Matter and Its Interactions-Assessed Gr 5 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 3 (Assessed Gr 5, HS)	Yes	Yes	
743	743		1 Complexity Level (APL) Science Standard 5 (PS2) Physical Sciences-Motion and Stability: Forces and Interactions-Assessed Gr 5	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 4 (Assessed Gr 5)	Yes	Yes	
744	744		1 Complexity Level (APL) Science Standard 6 (PS3) Physical Sciences-Energy-Assessed Gr 8	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 3 (Assessed Gr 8)	Yes	Yes	
745	745		1 Complexity Level (APL) Science Standard 7 (ESS1) Earth and Space Sciences-Earth's Place in the Universe-Assessed Gr 5 and 8	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 4 (Assessed Gr 8); Science Standard 5 (Assessed Gr 5)	Yes	Yes	
746	746		1 Complexity Level (APL) Science Standard 8 (ESS2) Earth and Space Sciences-Earth's Systems-Assessed Gr 8 and HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 5 (Assessed Gr 8); Science Standard 4 (Assessed Gr HS)	Yes	Yes	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
747	747		1 Complexity Level (APL) Science Standard 9 (ESS3) Earth and Space Sciences-Earth and Human Activity-Assessed Gr HS	M=More complex, I=Intermediate complexity, and L=Less complex or blank	Science Standard 5 (Assessed Gr HS)	Yes	Yes	
748	838	91	Filler11-12	Blank	Item Type 769-797 was updated to filler as Item Type no longer applies	--	--	
839	842		4 Weighted Score ELA Standard 1 (RL) Reading Literature-Assessed Gr 3, 4, 5, 6, 7 and HS; Weighted Score ELA for Engagement Rubric Student-Assessed Gr 3, 4, 5, 6, 7 and HS	Numeric score with one decimal place or Blank (Format xx.x)	ELA Standard 1 (Assessed Gr 3-7, HS)	Yes - non-ER No - ER	Yes - non-ER No - ER	
843	846		4 Weighted Score ELA Standard 2 (RI) Reading Informational Text-Assessed Gr 3-8 and HS; Weighted Score ELA for Engagement Rubric Student-Assessed Gr 8	Numeric score with one decimal place or Blank (Format xx.x)	ELA Standard 1 (Assessed Gr 8); ELA Standard 2 (Assessed Gr 3-7, HS)	Yes - non-ER No - ER	Yes - non-ER No - ER	
847	850		4 Weighted Score ELA Standard 3 (RI) Reading Informational Text: Integration-Assessed Gr 8	Numeric score with one decimal place or Blank (Format xx.x)	ELA Standard 2 (Assessed Gr 8)	Yes	Yes	
851	854		4 Weighted Score ELA Standard 4 (RF) Reading Foundational Skills-Assessed Gr 3, 4, 5	Numeric score with one decimal place or Blank (Format xx.x)	ELA Standard 3 (Assessed Gr 3-5)	Yes	Yes	
855	858		4 Weighted Score ELA Standard 5 (W) Writing-Assessed Gr 3-8 and HS	Numeric score with one decimal place or Blank (Format xx.x)	ELA Standard 3 (Assessed Gr 6-8, HS); ELA Standard 4 (Assessed Gr 3-5)	Yes	Yes	
859	862		4 Weighted Score ELA Standard 6 (W) Writing-Research to Build & Present Knowledge-Assessed Gr HS	Numeric score with one decimal place or Blank (Format xx.x)	ELA Standard 4 (Assessed Gr HS)	Yes	Yes	
863	866		4 Weighted Score ELA Standard 7 (SL) Speaking & Listening-Assessed Gr 3-8 and HS	Numeric score with one decimal place or Blank (Format xx.x)	ELA Standard 4 (Assessed Gr 6-8); ELA Standard 5 (Assessed Gr 3-5, HS)	Yes	Yes	
867	870		4 Weighted Score ELA Standard 8 (L) Language-Assessed Gr 6, 7, 8	Numeric score with one decimal place or Blank (Format xx.x)	ELA Standard 5 (Assessed Gr 6-8)	Yes	Yes	
871	874		4 Weighted Score Math Standard 1 (A-CED) Algebra-Creating Equations-Assessed Gr HS; Weighted Score Math for Engagement Rubric Student-Assessed Gr HS	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 1 (Assessed Gr HS)	Yes - non-ER No - ER	Yes - non-ER No - ER	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
875	878		4 Weighted Score Math Standard 2 (A-REI) Algebra-Reasoning with Equations & Inequalities-Assessed Gr HS	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 2 (Assessed Gr HS)	Yes	Yes	
879	882		4 Weighted Score Math Standard 3 (G) Geometry-Assessed Gr 3-8 and HS; Weighted Score Math for Engagement Rubric Student-Assessed Gr 3-8	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 1 (Assessed Gr 3-8); Math Standard 3 (Assessed Gr HS)	Yes - non-ER No - ER	Yes - non-ER No - ER	
883	886		4 Weighted Score Math Standard 4 (MD) Measurement & Data-Assessed Gr 3, 4, 5	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 2 (Assessed Gr 3-5)	Yes	Yes	
887	890		4 Weighted Score Math Standard 5 (NBT) Number & Operations in Base Ten-Assessed Gr 3, 4, 5	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 3 (Assessed Gr 3-5)	Yes	Yes	
891	894		4 Weighted Score Math Standard 6 (NF) Number & Operations – Fractions-Assessed Gr 3, 4, 5	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 4 (Assessed Gr 3-5)	Yes	Yes	
895	898		4 Weighted Score Math Standard 7 (OA) Operations & Algebraic Thinking-Assessed Gr 3, 4, 5	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 5 (Assessed Gr 3-5)	Yes	Yes	
899	902		4 Weighted Score Math Standard 8 (EE) Expressions & Equations-Assessed Gr 6, 7, 8	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 2 (Assessed Gr 6-8)	Yes	Yes	
903	906		4 Weighted Score Math Standard 9 (F) Functions-Assessed Gr 8	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 3 (Assessed Gr 8)	Yes	Yes	
907	910		4 Weighted Score Math Standard 10 (NS/N-RN) The Number System / Real Number System-Assessed Gr 6, 7, 8 and HS	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 3 (Assessed Gr 6-7); Math Standard 4 (Assessed Gr 8); Math Standard 4 (Assessed Gr HS)	Yes	Yes	
911	914		4 Weighted Score Math Standard 11 (RP) Ratios & Proportional Relationships-Assessed Gr 6, 7	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 4 (Assessed Gr 6-7)	Yes	Yes	
915	918		4 Weighted Score Math Standard 12 (SP/S-ID) Statistics & Probability-Assessed Gr 6, 7, 8 and HS	Numeric score with one decimal place or Blank (Format xx.x)	Math Standard 5 (Assessed Gr 6-8, HS)	Yes	Yes	
919	922		4 Weighted Score Science Standard 1 (ETS1) Engineering & Technology-Engineering Design Gr 5, 8 and HS; Weighted Score Science for Engagement Rubric Student-Assessed Gr 5, 8 and HS	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 1 (Assessed Gr 5, 8, HS)	Yes - non-ER No - ER	Yes - non-ER No - ER	

Start	End	Length	Field Description	Valid Values	Comments	Display on ISR	Display on Roster	Change Log
923	926		4 Weighted Score Science Standard 2 (LS1) Life Sciences-From Molecules to Organisms: Structure and Processes-Assessed Gr 5	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 2 (Assessed Gr 5)	Yes - non-ER No - ER	Yes - non-ER No - ER	
927	930		4 Weighted Score Science Standard 3 (LS2) Life Sciences-Ecosystems: Interactions, Energy, and Dynamics-Assessed Gr 8 and HS	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 2 (Gr 8, HS)	Yes	Yes	
931	934		4 Weighted Score Science Standard 4 (PS1) Physical Sciences-Matter and Its Interactions-Assessed Gr 5 and HS	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 3 (Assessed Gr 5, HS)	Yes	Yes	
935	938		4 Weighted Score Science Standard 5 (PS2) Physical Sciences-Motion and Stability: Forces and Interactions Gr 5	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 4 (Assessed Gr 5)	Yes	Yes	
939	942		4 Weighted Score Science Standard 6 (PS3) Physical Sciences-Energy-Assessed Gr 8	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 3 (Assessed Gr 8)	Yes	Yes	
943	946		4 Weighted Score Science Standard 7 (ESS1) Earth and Space Sciences Earth's Place in the Universe-Assessed Gr and 8	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 4 (Assessed Gr 8); Science Standard 5 (Assessed Gr 5)	Yes	Yes	
947	950		4 Weighted Score Science Standard 8 (ESS2) Earth and Space Sciences Earth's Systems-Assessed Gr 8 and HS	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 5 (Assessed Gr 8); Science Standard 4 (Assessed Gr HS)	Yes	Yes	
951	954		4 Weighted Score Science Standard 9 (ESS3) Earth and Space Sciences Earth and Human Activity-Assessed Gr HS	Numeric score with one decimal place or Blank (Format xx.x)	Science Standard 5 (Assessed Gr HS)	Yes	Yes	
955	1018	64	Filler13	Blank		--	--	
1019	1027	9	schoolyear	constant; example: 2016-2017		No	No	
1028	1077	50	Teacher email - ELA		From the teacher associated with the test session.	No	No	
1078	1127	50	Teacher email - Math		From the teacher associated with the test session.	No	No	
1128	1177	50	Teacher email - Science		From the teacher associated with the test session.	No	No	

WA-AIM: Spring & Fall HS Retakes 2022

Content Category Map

Content Area	SDF Order	Standard Code	Standard Title	Grade							Status Code SDF Position	Complexity Level (APL) SDF Position	Weighted Score SDF Position	Change Log
				3	4	5	6	7	8	HS				
ELA	1	RL	Reading Literature	x	x	x	x	x		x	659	719	839	
ELA	2	RI	Reading Informational Text	x	x	x	x	x	x	x	660	720	843	
ELA	3	RI	Reading Informational Text: Integration						x		661	721	847	
ELA	4	RF	Reading Foundational Skills	x	x	x					662	722	851	
ELA	5	W	Writing	x	x	x	x	x	x	x	663	723	855	
ELA	6	W	Writing-Research to Build & Present Knowledge							x	664	724	859	
ELA	7	SL	Speaking & Listening	x	x	x	x	x	x	x	665	725	863	
ELA	8	L	Language				x	x	x		666	726	867	
Math	9	A-CED	Algebra-Creating Equations							x	667	727	871	
Math	10	A-REI	Algebra-Reasoning with Equations & Inequalities							x	668	728	875	
Math	11	G	Geometry	x	x	x	x	x	x	x	669	729	879	
Math	12	MD	Measurement & Data	x	x	x					670	730	883	
Math	13	NBT	Number & Operations in Base Ten	x	x	x					671	731	887	
Math	14	NF	Number & Operations – Fractions	x	x	x					672	732	891	
Math	15	OA	Operations & Algebraic Thinking	x	x	x					673	733	895	
Math	16	EE	Expressions & Equations				x	x	x		674	734	899	
Math	17	F	Functions						x		675	735	903	
Math	18	NS/N-RN	The Number System / Real Number System				x	x	x	x	676	736	907	

Content Area	SDF Order	Standard Code	Standard Title	Grade								Status Code SDF Position	Complexity Level (APL) SDF Position	Weighted Score SDF Position	Change Log
Math	19	RP	Ratios & Proportional Relationships					x	x			677	737	911	
Math	20	SP/S-ID	Statistics & Probability					x	x	x	x	678	738	915	
Science	21	ETS1	Engineering & Technology-Engineering Design				x			x	x	679	739	919	
Science	22	LS1	Life Sciences-From Molecules to Organisms: Structure and Processes				x					680	740	923	
Science	23	LS2	Life Sciences-Ecosystems: Interactions, Energy, and Dynamics								x	681	741	927	
Science	24	PS1	Physical Sciences-Matter and Its Interactions				x				x	682	742	931	
Science	25	PS2	Physical Sciences-Motion and Stability: Forces and Interactions				x					683	743	935	
Science	26	PS3	Physical Sciences-Energy							x		684	744	939	
Science	27	ESS1	Earth and Space Sciences-Earth's Place in the Universe				x			x		685	745	943	
Science	28	ESS2	Earth and Space Sciences-Earth's Systems							x	x	686	746	947	
Science	29	ESS3	Earth and Space Sciences-Earth and Human Activity								x	687	747	951	

Version	Date	Description	Author
1.8.a	3/12/2021	Transition to new DRC SDF Layout template WA-AIM_SDF_Layout_v1.8_10-23-2020 (<i>SDF Layout and Content Category Map</i>) - No changes to SDF layout or content category map Requirements from P_49_09_01703 (Scoring and Reporting Processes) (<i>DRC internal requirements</i>) Requirements from WA-AIM_Scoring-Reporting_Requirements (<i>OSPI requirements</i>) - Updates made to business rules per requirements of new system.	DRC: Rhona Brack
1.8.a	3/25/2021	Business rules updated per internal team review	DRC: Laura Stoddart, John Born, Jamie Kubik, Dia Segelstrom, Rhona Brack
1.8.a	4/12/2021	Business rule updates complete - ready for OSPI review	DRC: Dia Segelstrom, Rhona Brack
1.8.a	4/27/2021	Business rules and layout are approved by OSPI	OSPI: Toni Wheeler
1.8.b	7/22/2021	Updated Status Code fields for each content area to remove rules for tests that were marked as "NT" in the old DCP system - start positions 552, 589, 626	DRC: Rhona Brack
1.8.c	11/9/2021	Release for Fall 2021 - no additional changes were identified - minor updates were made	DRC: Rhona Brack
1.8.c	12/21/2021	Updated with rules for OSPI Invalidations - Busines Rules tab - ref # 1260 - Student Data File (SDF) Layout - start positions 659-687	DRC: Laura Stoddart, John Born, Jamie Kubik, Dia Segelstrom, Rhona Brack
1.8.d	2/14/2022	Updated for Spring and Fall 2022 - no changes identified	DRC: Rhona Brack
1.8.d	3/14/2022	Release for Spring 2022 - approved via DRC internal team review	DRC: Laura Stoddart, John Born, Jamie Kubik, Dia Segelstrom, Rhona Brack
1.8.d	5/13/2022	Clarify inclusion criteria for High School Student Data File - Business Rules tab ref # 1130	DRC: Rhona Brack
1.8.d	5/31/2022	Clarify file naming convention for High School Student Data File - Business Rules tab ref # 1600	DRC: Rhona Brack
1.8.d	10/17/2022	Release for Fall 2022 - no additional changes were identified	DRC: Rhona Brack

Date	Issue/Resolution	Status/Completion Date