Utah Aspire Plus Score Interpretation Guide for Educators



2021-2022



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General Information for Educators

Purpose of this Guide

This guide provides information on the reports provided for Utah Aspire Plus assessment. This guide, which outlines and explains elements of the individual student report, preliminary student detail report, parent portal, test scores and test events data files, is intended for use by administrators, teachers, counselors, and other educators to facilitate interpretation and use of student score reports.

About Utah Aspire Plus

The Utah Aspire Plus summative assessments were created as directed by Utah Statute 53E-4-304, which requires the Utah State Board of Education (USBE) to administer an assessment to ninth and tenth grade students that is predictive of the college readiness assessment (the ACT). Creating a link between Utah's ninth and tenth grade state assessment and the ACT, which is administered to eleventh grade students in Utah, provides a unique and beneficial achievement metric for students, parents, and teachers.

The Utah Aspire Plus summative assessments are fixed-form tests given for English, mathematics, reading, and science. While the test was administered online, it is not computer adaptive. This means that every ninth grade student is asked the same ninth grade questions, and every tenth grade student is asked the same ninth grade questions and every tenth grade student is asked the same near targets for each test are listed below:

- English: language conventions and comprehension.
- Math: linear relationships, abstract and quantitative reasoning, and problem solving.
- Reading: reading and comprehending complex informational and literary texts.
- Science: gathering and investigating, developing models, using mathematical thinking, and constructing explanations across life science, earth and space science, and physical science.

The Utah Aspire Plus tests utilize various question types to assess student achievement, including multiple choice, multiple select, evidence-based selected response, and technology enhanced (TE) items. Multiple choice questions provide students with four or five response options from which there is one correct answer. Multiple select questions require students to select two or three correct answers within the given response options. Technology enhanced (TE) questions require specialized interactions for capturing student responses. Examples of TE questions used on the Utah Aspire Plus are listed below:

- Inline choice interaction: drop-down multiple choice
- Text-entry interaction: fill-in-the-blank item presentation
- Hot text interaction: selecting elements within a given image (e.g., reading passage)
- Plot/drawing interaction: plotting/drawing on a grid
- Matching interaction: matching response elements to appropriate category

Evidence-based selected response questions are two items combined to form a two-part item. Typically, Part A is a multiple-choice item in which students are asked to infer or analyze, and Part B is an item in which students provide evidence to support their answer in Part A. Evidence-based questions may consist of two multiple choice items, or a combination of multiple choice and technology enhanced (TE) interaction items.

Student responses to Utah Aspire Plus questions are calculated and reported using a scaled score. The purpose of scaled scores is to report scores for all test-takers on a scale that remains consistent across multiple years or forms. This facilitates accurate comparison of test results over different administrations.

Before test questions are published for use, every question is reviewed by Utah educators for standard alignment, appropriate content and cognitive demands, fairness, and bias. Data and statistical information from test results are analyzed and reviewed frequently to ensure the response processes and internal structure perform as expected for all groups of students. Technical information about Utah Aspire Plus will be available in the Utah Aspire Plus Technical Report which is posted to the <u>Resource</u> <u>Center</u>.

Confidentiality of Reporting Results

Individual student performance results on Utah Aspire Plus assessments are confidential and may be released only in accordance with the Family Educational Rights and Privacy Act of 1974 (20 U.S.C. Section 1232g). For more information on student privacy, please visit the <u>USBE Student Data Privacy page</u>.

OnDemand Reports – Preliminary Student Detail Report

The OnDemand Report – Preliminary Student Detail Report provides preliminary student performance data prior to the release of the Individual Student Report (ISR). OnDemand Reports consist of subject-specific reports and an overall composite score report.

The Preliminary Student Detail Report for the English, reading, mathematics, and science tests can be accessed by LEA administrators, school administrators, and teachers in PearsonAccess^{next}.

Administrators and Teachers can access the Preliminary Student Detail Report by:

- 1. Log in to PearsonAccess^{next} here: <u>PearsonAccess^{next}</u>
- 2. Within PearsonAccess^{next}, ensure the correct administration and school are selected in the top right corner of the home screen.



3. Go to Reports and select OnDemand Reports.



- 4. You can filter by **Student Name or SSID, Organization Name, Subject Name, Grade, Proficiency Level and more** to help you locate the report for specific students.
- 5. Select certain students by clicking on the **1** or to print all reports select **Download** and then **Student Detail Report (pdf).** Administrators can also download the list view that is shown on the screen by selecting the **Student List Report.**

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Sample Subject Specific Preliminary Student Detail Report



<u>UtahAspirePlus</u>. If you have additional questions about your student's scores, please contact your student's teac guidance counselor. To access your student's performance results online, visit the Utah Aspire Plus Parent Portal

at <u>https://www.results-ut.pearsonaccessnext.com</u>. To access this student's performance and set up your parent/guardian account access, use claim code BWNXd4tZpLrH.



Produced on 4/21/2022

Composite Preliminary Student Detail Report



Career Readiness Standards, and Utah Aspire Plus Proficiency Levels by visiting the Utah Aspire Plus Assessment page at http://bit.ly/UtahAspirePlus. If you have additional questions about your student's scores, please contact your student's teacher or guidance counselor.

> To access your student's performance results online, visit the Utah Aspire Plus Parent Portal at https://www.results-ut.pearsonaccessnext.com. To access this student's performance and set up your parent/guardian account access, use claim code BWNXd4tZpLrH.

Produced on 4/21/2022

Individual Student Reports

The Individual Student Report (ISR) provides student performance data on the Utah Aspire Plus summative assessments. There are two main components to the ISR: postsecondary readiness predictive scores and Utah core standards-based proficiency.

The ISR will contain all test scores including math, science, English, reading, and ACT predicted scores. Parents can access their student's ISR through the Parent Portal. Administrators can access the report via PearsonAccess^{next}.

Accessing Individual Student Reports – Administrators and Teachers

Administrators and teachers can access the Individual Student Report by:

- 1. Log in to PearsonAccess^{next} here: <u>PearsonAccess^{next}</u>
- 2. Within PearsonAccess^{next}, ensure the correct administration and school are selected in the top right corner of the home screen.



3. Go to Reports and select Published Reports.



4. You can filter by **Organization Type** or **Organization Name** to help you locate the desired ISR.



5. Select the file you wish to download and click **Download**.



areas that make up the assessment (reading, English, math, science).

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C English	24-27			24	27	
			Not on Target	On	Target	
		0		22		36
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-			Not on Target		On Target	
		0		23		36
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	enchmarks for Subjects: Stude Math. 23-Science) are more lik					5

taken by first-year students. For more information about ACT College and Career Readiness Standards, visit USBE Utah Aspire Plus Assessment page (https://schools.utah.gov/assessment/assessments?mid=1173&tid=8).

	** SAMPLE R	EPORT ONLY **		
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		ards) and proficiency levels in each d your student's scale scores by sub	D	Subject Area Scale Scores and Utah Proficiency Levels
Subject	Scale Score (Confidence Range*)	Utah Proficiency	8	Parent Portal and Claim Code
	394 (389-399)		ghly oficient	
ENGLISH	384 (380-381	3 Pr	oficient	
MATH	284 (283-286)		oproaching oficient	
	184 (181-187)		elow oficient	
*For more information about	ut the Confidence Range, go	to <u>https://tinyurl.com/USBEreporting</u> .		_

Legend: 2 3 1 = Below Proficient 3 = Proficient 2 = Approaching Proficient 4 = Highly Proficient

RESOURCES

To access your student's performance results online, visit the <u>Utah Aspire Plus Parent Portal</u> (https://www.results-ut.pearsonaccessnext.com), or use the Quick Response Code (QR Code) to the right with a smartphone, tablet, or other device. To set up your par for the Utah Aspire Plus Parent Portal, use claim code **xjSdhEgc2ijz**.



Learn more about the Utah Aspire Plus, including predicted ACT scores, Utah's Postsecondary Readiness Indicator, ACT College and Career Readiness Standards, and Utah Proficiency Levels by visiting <u>USBE Utah</u> <u>Aspire Plus Assessment</u> page (https://schools.utah.gov/assessment/assessments?mid=1173&tid=8.) If you have additional questions about your student's scores, please contact your student's teacher or guidance counselor.

Every high school student, teacher, and administrator in Utah has free, unlimited, and secure access to ACT test prep resources through Shmoop. For more information on how to access these free resources, visit the <u>Utah Shmoop</u> page (https://schools.shmoop.com/utah/).

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Accessing the Claim Code for Student Results in Parent Portal

The Score Interpretation Guide for Parents (<u>PearsonAccess^{next} Reporting Resources</u>) is available to help parents understand how to access and interpret their student's score reports. Parents can access student results within the Parent Portal. Parents must create an account within the portal to access student information. To set up an account, parents will need the student's administration claim code. Claim codes are available on the student's Individual report, OnDemand preliminary student detail report, and on the PearsonAccess^{next} claim code operational report. Once parents create their account, they can access student results in the <u>Parent Portal</u> by entering the student's first name, last name, and the claim code. This URL appears at the bottom of the student's individual student report (ISR).

Accessing parent claim codes via PearsonAccess^{next} - Administrators:

- 1. Log in to PearsonAccess^{next} here: PearsonAccess^{next}
- 2. Within PearsonAccess^{next}, ensure the correct administration and school are selected in the top right corner of the home screen.



- 3. Go to Reports and select Operational Reports.
- 4. Select Student Registrations, then click on Claim Codes.



5. Click the **Download Report** to download a list of claim codes.



The Parent Portal

The purpose of the parent portal is to provide parents with a convenient way to access their student's Utah Aspire Plus student performance data.

At the top of the Parent Portal there is general information on student data privacy and Utah Aspire Plus assessment results. The site describes the scores provided for Utah Aspire Plus and it includes a link to additional information about interpreting student test scores. A Pearson help desk contact is provided for additional assistance on accessing student test scores.

A student's test score results can be found using the last name, first name, and claim code as seen in the screenshot below. The claim code can be found on the Individual Student Report (ISR), Preliminary Student Detail Report, or obtained from the student's school administrators.

Parent Portal

-

Educational Rights and Privacy Act of 1974	Itah Aspire Plus assessments are confidential and may be released only in accordance (20 U.S.C. Section 1232a). For more information on student privacy, please visit	e with the Family		
https://schools.utah.gov/studentdataprivacy				
This portal displays your student's performa Below you will find your student's scaled sc	ance results compared to the Utah State Standards and proficiency in each of the four core and proficiency level for each subject.	tested subject areas.		
Proficiency levels are: Below Proficient (1) Approachin Proficient (3) Highly Prol			The Pare	nt Portal Legend
reviewing your student's scores, please not	ormance results from previous years' administrations if you have used this portal in pre te the year of administration under your student's name (see screenshot below). Gene first. You may need to scroll down to view your student's older test scores.	avious years. When rally, results are		Subject Area Scale Scores and Utah Proficier
FIRSTNAME LASTNAME	28 Patent		D	Levels
"Download the individual Student Report vi Report (ISR) needs to be downloaded. For	s, please refer to your student's individual Student Report, which can be obtained by hich includes English, Reading, Mathematics, and Science accres. This below. Conferent additional resources on interpreting this iscore report, please refer to the accre de for Paients. If you have additional questions about your student's scores, please or	e Individual Student atation quide, which can	θ	Parent Portal and Claim Code
Need Assistance?		l	-	
For assistance with this portal, contact the	Pearson help desk at (877) 227-5009.			
Find Test Results	My Students' Test Results			
Student's First Name	FIRSTNAME LASTNAME	270		
Student's Last Name	Spring 2022 Grade 9 Reading Download the Individual Student Report which inclu Reading. Mathematics, and Science scores	Highly Proficient		
Claim Code	FIRSTNAME LASTNAME	239		
Find Results	Spring 2022 Grade 9 Science Download the Individual Student Report which Includes English, Reading, Mathematics, and Science scores	Highly Proficient		
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	FIRSTNAME LASTNAME Spring 2022 Grade 9 English 4. Downlad the individual Student Report which includes English. Reading. Mathematics, and Science scores	181 Approaching Proficient		
	FIRSTNAME LASTNAME Spring 2021 Grade 9 Science & Dowlaad the indikiaal Student Report withit includes English. Reading Mathematics, and Science scores	193 Approaching Proficient		
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	FIRSTNAME LASTNAME Spring 2021 Grade 9 Reading Download the Individual Student Report which Includes English, Reading, Mithematics, and Science scores	225 Proficient		

Detailed Component Description



Identification Information

The student's name, grade, school, and LEA are provided.



Composite Scale Score and Predicted ACT Score

The student's composite scale score and predicted ACT composite score range are provided. The composite scale score is the average of the four Utah Aspire Plus assessments (English, reading, mathematics, and science) and is provided for students who take all four assessments.

One purpose of the Utah Aspire Plus assessment is to provide predictive ACT scores. Students' test scores on Utah Aspire Plus are linked to ranges of predicted ACT scores. The predicted ACT composite score range graphic is comprised of two levels, Not on Target and On Target, along the ACT scale (0–36). A predicted ACT composite score of 18 or higher indicates "on target" for Utah's postsecondary readiness benchmark while scores below 18 indicate "not on target" for postsecondary readiness. The student's predicted score range is indicated by a black bar within the graphic. If the student's predicted ACT score range crosses over the benchmark score (18), the student is indicated as being 'On Target'. The predicted ACT score ranges are determined through a statistical linking process.



Subject Area ACT Predicted Scores

This section of the report provides the student's predicted ACT score ranges for the subject tests (math, English, reading and science). Student test scores from Utah Aspire Plus are linked to the ACT scale to obtain a predicted score range on each ACT subject test. Each predicted ACT score range is provided within graphics that distinguish predicted scores below the subject ACT College Readiness Benchmark score as "Not on Target" and those on or above the subject test is indicated by a black bar within each graphic. If the student's predicted subject test ACT score range crosses over the ACT College Readiness Benchmark score, the student is indicated as being 'On Target'.

The ACT College Readiness benchmarks, as described in the ACT[®] Technical Manual, are empirically derived performance targets on the ACT that represent the level of achievement required for students to have a 50% chance of obtaining a B or higher or a 75% chance of obtaining a C or higher in corresponding credit-bearing first year college courses. Table 1 contains the college readiness for each subject test. For information on the ACT college readiness benchmarks, please refer to the ACT Technical Manual.

Subject Test	The ACT College Readiness Benchmark
English	18
Reading	22
Mathematics	22
Science	23

Table 1. ACT College Readiness Benchmarks

Subject Area Scale Scores and Utah Proficiency Levels

For each subject test, a student's scale score is provided with a confidence range below it. The confidence range represents the expected range of a student's score if the student took the same form of the test multiple times.

Students' test performance is summarized by proficiency levels which indicate the extent to which students demonstrate knowledge and skills on the assessment. There are four proficiency levels for Utah Aspire Plus:

Level 4: Highly Proficient Level 3: Proficient Level 2: Approaching Proficient Level 1: Below Proficient

The proficiency levels are defined by performance level descriptors which outline the knowledge and skills that students should know and be able to do to be classified in each level. The proficiency level descriptors (PLDs) for Utah Aspire Plus are provided in Appendix A.

The student's proficiency level for each subject test is determined by their subject test scale score. Cut scores that differentiate one proficiency level from another were determined through a collaborative process known as standard setting. During this process, Utah educators and educational measurement specialists reviewed the Utah Aspire Plus summative assessments along with the Utah Core Standards and PLDs to provide judgments on what students should know and be able to do at each proficiency level. A multi-round process of educator judgments, data review, and discussion resulted in a set of recommended cut scores for each Utah Aspire Plus assessment. The Utah State Board of Education formally adopted the cut scores for the Utah Aspire Plus assessments. The cut scores define the scale score ranges for each proficiency level. Table 2 provides the scale score ranges that define each proficiency level for each Utah Aspire Plus summative assessment.

Grade	Subject	Below Proficient	Approaching Proficient	Proficient	Highly Proficient
	English	100 to 164	165 to 201	202 to 241	242 to 300
9	Reading	100 to 165	166 to 203	204 to 230	231 to 300
	Mathematics	100 to 171	172 to 205	206 to 232	233 to 300
	Science*	100 to 186	187 to 210	211 to 236	237 to 300
	English	100 to 160	161 to 199	200 to 244	245 to 300
10	Reading	100 to 174	175 to 203	204 to 234	235 to 300
	Mathematics	100 to 180	181 to 209	210 to 235	236 to 300
	Science*	100 to 186	187 to 209	210 to 239	240 to 300

Table 2. Utah Aspire Plus Proficiency Scale Score Ranges

The student proficiency level is provided within a "meter" graphic ______ on the score report that shows an approximate position of the scale score within the base range (100–300).

Note: The size of the shaded regions does not indicate size of score range by proficiency level or proportion of students.

*The Utah State Board of Education adopted new science standards for high school in June of 2019. The first administration of the new science assessment occurred in spring of 2021.

Parent Portal and Claim Code

Parents and guardians can access student results, including the student's individual student report (ISR), within the Parent Portal. Parents must create an account within the portal to access student information.

To set up an account, parents will need the student's administration claim code. Schools provide the claim code to the parents. There are three ways to provide the claim code:

- 1. the student's Individual report (ISR)
- 2. OnDemand report
- 3. the PearsonAccess^{next} claim code operational report.

Once an account is created, parents can access student results in the <u>Parent Portal</u> by entering the student's first name, last name, and the claim code. This URL appears at the bottom of the student's individual student report (ISR) and the OnDemand report.

Data Files for LEA Administrators

Test Events Data File

The LEA level Test Events Data file will provide a .csv file that has detailed information on the student tests. The Test Events Data file layout can help you understand and locate the data that is present in the Test Events data file and includes the following information:

- Student Name, Grade, and SSID •
- Testing and Reporting School and District Name and Number •
- Student Testing Information by Subject
 - **Participation Code** 0
 - Subject Tested 0
 - Test Duration (Time Spent on Items)
 - Number of Items Student Visited
 - Number of Items Student Attempted
 - Accommodation(s) Used by Student

LEA Administrators and Teachers can access Test Events Data File by:

- 1. Log in to PearsonAccess^{next} here: PearsonAccess^{next}
- 2. Within PearsonAccess^{next}, ensure the correct administration and school are selected in the top right corner of the home screen.



3. From the **Reports** menu, select **Published Reports**.



- 4. Type the file name (test events) into the search field and click Search.
- 5. Select the Test Events Data File you want to download by clicking the hyperlink to the report.

Test Events Data File Layout - 6/9/22

Reference	Field	Valid Values	Comments / Sample Data		
	Name				
1	Composite Event ID	Alphanumeric	Battery Level ID		
2	School Year	Numeric			
3	Testing District Number	Alphanumeric			
4	Testing School Number	Alphanumeric			
5	Reporting District Number	Alphanumeric			
6	Reporting School Number	Alphanumeric			
7	Statewide Student ID	Numeric			
8	Local Student ID	Numeric			
9	Last Name	Alphanumeric			
10	First Name	Alphanumeric			
11	Middle Name	Alphanumeric			
12	Actual Grade of Student	Numeric	09 = Grade 9		
			10 = Grade 10		
nglish			This section will be blank if the test attempt does not exist at th		
			time this file is created.		
13	English Test Event ID	Alphanumeric, Blank	links Test Event Status file and Test Scores file		
	Faciliate Taxat Sugar Status	testScored	Unit Level ID		
14	English Test Event Status	testScored	No scores are provided when Test Event Status = testInvalidate		
		studentParticipated	studentParticipated, sessionExpired, or neverStarted		
		sessionExpired	Scores are provided when Test Event Status = testScored		
		neverStarted	scores are provided when rest event status – testscored		
		Blank			
15	English Participation Code	Numeric, Blank	3 digit numeric code		
			101 - Absent - Did not take test		
			103 - EL First Year in U.S. April 15 or Later Student did not test		
			104 - EL First Year in U.S. Before April 15 participation only		
			106 - Student refuses to test		
			107 - Excused - Health Emergency		
			109 - Course Instruction Not Provided		
			110 - Test has already been taken		
			111 - USBE Excused - Approval Needed		
			112 - Student Transferred Before Testing Window		
			200 - Standard Participation		
			201 - Accommodated		
			202 - Modified		
			203 - Invalidated		

You can find the complete Test Events Data File layout at this location: <u>Test Events Data File Layout</u>

Test Scores Data File

The LEA level Test Scores Data file provides finalized score information for student tests. The Test Scores Data file layout can help you understand and locate the data that is present in the Test Scores data file and includes the following:

- Student Name, Grade, and SSID
- Testing and Reporting School and District Name and Number
- Student Composite Scale Score and Predicted ACT Score
- Student Scale Score, Proficiency Level, Theta Score (by Subject)
- STEM and ELA Scale Score and Proficiency Level
- Raw and Theta Scores by Reporting Category (by Subject)
- Test Duration (Time Spent on Items) by Subject
- Participation Codes

LEA Administrators and Teachers can access Test Scores Data File by:

- 1. Log in to PearsonAccess^{next} here: <u>PearsonAccess^{next}</u>
- 2. Within PearsonAccess^{next}, ensure the correct administration and school are selected in the top right corner of the home screen.





3.

- 4. Type the file name (test scores) into the search field and click **Search**.
- 5. Select the report(s) you want to download by clicking the hyperlink to the report.

Test Scores	Data l	File La	yout -	6/9/22
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Reference	Field	Valid Values	Comments / Sample Data		
	Name				
1	Composite Event ID	Alphanumeric	Battery Level ID		
2	School Year	Numeric			
3	Testing District	Alphanumeric			
	Number				
4	Testing School Number	Alphanumeric			
5	Reporting District	Alphanumeric			
	Number				
6	Reporting School	Alphanumeric			
	Number				
7	Statewide Student ID	Numeric			
8	Local Student ID	Numeric			
9	Last Name	Alphanumeric			
10	First Name	Alphanumeric			
11	Middle Name	Alphanumeric			
12	Actual Grade of	Numeric	09 = Grade 9		
	Student		10 = Grade 10		
omposite					
13	Composite Scale Score	Numeric, Blank	Test Event Status must be testScored for all four		
			subjects to get Composite scores		
			No scores are provided when Test Event Status =		
			testInvalidated, studentParticipated, sessionExpired		
			or neverStarted		
14	Composite Predicted	Numeric, Blank	Test Event Status must be testScored for all four		
	ACT Score		subjects to get Composite scores		
			No scores are provided when Test Event Status =		
			testInvalidated, studentParticipated, sessionExpired		
45	Comparison Decality - 1	Normania Diant	or neverStarted		
15	Composite Predicted	Numeric, Blank	No scores are provided when Test Event Status =		
	ACT Score Range Low		testInvalidated, studentParticipated, sessionExpired		
			or neverStarted		

You can find the complete Test Scores Data File layout at this location: <u>Test Scores Data File Layout</u>

Appendix A: Utah Aspire Plus Performance Level Descriptors

English Grades 9 and 10						
Below Proficient Approaching Proficient Proficient Highly Proficient						
The level 1 students can partially access grade-level content and engage with higher- order thinking skills with extensive support.	The level 2 students can access grade-level content and engage in higher-order thinking skills with minimal independence and some support .	The level 3 students can access grade-level content, and independently engages in higher-order thinking skills. This level of performance also likely indicates students are on track to be sufficiently prepared for college or career.	The level 4 students can go beyond grade-level content, and independently engages in higher-order thinking skills. This level of performance also likely indicates students are on track to be well-prepared for college or career.			

Reading Grades 9 and 10					
Below Proficient	Approaching Proficient	Proficient	Highly Proficient		
The level 1 students can partially access grade-level content and engage with higher-order thinking skills with extensive support.	The level 2 students can access grade-level content and engages in higher-order thinking skills with minimal independence and some support .	The level 3 students can access grade-level content, and independently engages in higher-order thinking skills. This level of performance also likely indicates students are on track to be sufficiently prepared for college or career.	The level 4 students can go beyond grade-level content, and independently engages in higher- order thinking skills. This level of performance also likely indicates students are on track to be well- prepared for college or career.		

Mathematics Secondary Math I & II					
Below Proficient	Approaching Proficient	Proficient	Highly Proficient		
The Level 1 students are below proficient in applying the mathematics knowledge/skills as specified in the Utah Core State Standards. The students generally perform significantly below the standard for their grade level and are likely able to partially access grade-level content with extensive support.	The Level 2 students are approaching proficient in applying the mathematics knowledge/skills as specified in the Utah Core State Standards. The students generally perform slightly below the standard for their grade level and are likely able to access grade- level content with moderate support.	The Level 3 students are proficient in applying the mathematics knowledge/skills as specified in the Utah Core State Standards. The students generally perform at the standard for their grade level and can access grade- level content with minimal support. This level of mathematics performance also likely indicates students are on track to be sufficiently prepared for college or career.	The Level 4 students are highly proficient in applying the mathematics knowledge/skills as specified in the Utah Core State Standards. The students generally perform significantly above the standard for their grade level and can access above grade- level content. This level of mathematics performance also likely indicates students are on track to be well-prepared for college or career.		

Science Grades 9 and 10					
Below Proficient	Approaching Proficient	Proficient	Highly Proficient		
The Level 1 students are below proficient in achieving or applying the science attitudes and knowledge/ skills as specified in the Utah Core Standards. The students generally perform significantly below the standard for their grade level and are able to engage with higher-order thinking skills for all science contexts with extensive support.	The Level 2 students are approaching proficient in achieving or applying the science attitudes and knowledge/skills as specified in the Utah Core Standards. The students generally perform slightly below the standard for their grade level and are likely able to engage in higher- order thinking skills for all science contexts with support.	The Level 3 students are proficient in achieving or applying the science attitudes and knowledge/skills as specified in the Utah Core Standards. The students generally perform at the standard for their grade level and are able to engage in higher- order thinking skills for all science contexts with independence and minimal support. This level of science performance likely indicates students are on track to be sufficiently prepared for college or a career.	The Level 4 students are highly proficient in achieving or applying the science attitudes and knowledge/skills as specified in the Utah Core Standards. The students generally perform above the standard for their grade level and are able to engage in higher- order thinking skills involving all science contexts independently. This level of science performance likely indicates students are on track to be well-prepared for college or a career.		