



Arizona Assessment Science (AzSCI)

AzSCI Reporting Guide

Grades, 5, 8, and 11



Arizona Department of Education

Table of Contents

Introduction	1
Arizona Science (AzSCI) Test	1
AzSCI Scores	1
AzSCI Online Reports	2
AzSCI Confidential Roster Report with Summary	2
AzSCI Student Report (Individual Student Report)	3
AzSCI Paper Reports—Confidential Student Score Report and AzSCI Family Report Guide	4
Online Reporting Platform—PearsonAccess^{next}	4
AzSCI Online Reports in PearsonAccess ^{next}	5
AzSCI Sample Reports.....	6
AzSCI Confidential Roster Report with Summary	6
AzSCI Confidential Student Score Report (Individual Student Report)	8
AzSCI Family Report Guide	10
How To Log In to PearsonAccess^{next}, View Online Reports, and Access AzSCI Student Data File Layout.....	12
How to Log In to PearsonAccess ^{next}	12
How To Access, Download, and Print Online Score Reports, Summary Files, and Student Data Files	14
Understanding the Student Data File and Reporting Categories by Grade Level	16

Introduction

Arizona Science (AzSCI) Test

The Arizona Science (AzSCI) test is the statewide assessment that measures student proficiency of the Arizona Science Standards, which were adopted by the Arizona State Board of Education in 2018. This test is administered each spring as an online test to all students enrolled in grade 5, grade 8, and the 11th grade cohort.

AzSCI Scores

Students will receive a scale score for AzSCI, and student performance is reported as one of four performance levels:

Level 1–Minimally Proficient, Level 2–Partially Proficient, Level 3–Proficient, and Level 4–Highly Proficient. Students who score at **Level 1–Minimally Proficient** or **Level 2–Partially Proficient** are likely to need support to be ready for the next grade. Students who score at **Level 3–Proficient** or **Level 4–Highly Proficient** are likely to be ready for the next grade.

There are three reporting categories that describe the knowledge and skills assessed. Student performance on reporting categories is reported as one of three levels of mastery: **Below Mastery, At/Near Mastery, or Above Mastery.** Students who score “Below Mastery” demonstrated performance in the reporting category that was clearly below Proficient. Students who score “At/Near Mastery” demonstrated performance in the reporting category that was exactly at or immediately above/below Proficient. Students who score “Above Mastery” demonstrated performance in the reporting category that was clearly “Proficient” or higher.

AzSCI Online Reports

AzSCI reports for educators are online reports in the PearsonAccess^{next} platform, which can be accessed at <https://az.pearsonaccessnext.com>.

The following reports and student data file will be accessible in PearsonAccess^{next} based on the user's role:

- District-level user roles—District Reports (in **PDF** format), Student Data File (in **.txt** format), and AzSCI Summary File (in **.txt** format):
 - *AzSCI Confidential Roster Report with Summary* (School-level, student roster by grade level; for grades 5, 8, and the 11th grade cohort only) (in **PDF** format)
 - *AzSCI District Confidential Roster Report with Summary* (District-level, student roster by grade level; for grades 5, 8, and the 11th grade cohort only) (in **PDF** format)
 - *AzSCI Student Data File* (in **.txt** format)
 - Summary performance data: *AzSCI Summary File* (in **.txt** format)
- School-level user roles—School Student Reports and Rosters (in **PDF** format) and AzSCI Summary File (in **.txt** format):
 - *AzSCI Student Report* (individual student reports, by grade level) (in **PDF** format)
 - *AzSCI Informe del Estudiante* (individual student reports, by grade level, in Spanish) (in **PDF** format)
 - *AzSCI Confidential Roster Report with Summary* (School-level, student roster by grade level; for grades 5, 8, and the 11th grade cohort only) (in **PDF** format)
 - Summary performance data: *AzSCI Summary File* (in **.txt** format)

AzSCI Confidential Roster Report with Summary

The *AzSCI Confidential Roster Report with Summary* of students' performance level in each scoring category displays for a specified grade level a student roster that includes each student's:

- name
- date of birth (DOB)
- state-issued identification number (SSID)
- scale score
- performance level
- mastery level for each reporting category

The "Mean Scale Score" and "Students with Valid Results" will display at the top of the *AzSCI Confidential Roster Report with Summary*.

The “Summary by Performance Level” table will also display on this report and will include the following details at the grade level:

- scale score ranges: Level 1–Minimally Proficient, Level 2–Partially Proficient, Level 3–Proficient, and Level 4–Highly Proficient
- number (#) of students in each scale score range
- percentage of students in each performance level (based on number (#) of students in each scale score range)

AzSCI Student Report (Individual Student Report)

The *AzSCI Student Report* is an individual student report that contains the following information for each student:

- name
- administration year and grade level
- state-issued identification number (SSID)
- date of birth (DOB)
- school name
- district name
- Overall Results–Student scale score obtained
 - Average scale scores for the school, district, and state are also displayed for comparison. The layout of horizontal bars assigned to these scale scores are similar to the horizontal bar assigned to the individual student’s scale score to allow for visual comparison.
- Performance Level Description–Student performance level obtained is shown along with a description of the performance level.
- Science and Engineering Practices and Crosscutting Concepts Reporting Categories
- Student performance/mastery level obtained for each reporting category

AzSCI Paper Reports—Confidential Student Score Report and AzSCI Family Report Guide

AzSCI paper reports are shipped to districts after the end of a testing administration. The following reports are packaged by School and shipped to the District. Two copies of each *AzSCI Confidential Student Score Report* will be provided. One copy must be provided to the student's family (along with the *AzSCI Family Report Guide*). One copy is for the student's cumulative folder.

The *AzSCI Confidential Student Score Report* is a one-page, two-sided report. Each report includes results for one student. The report includes the student's identification information, scale score, performance level, and mastery level for each reporting category. Average scale scores for school, district, and state are also displayed for comparison. The layout of horizontal bars assigned to these scale scores are similar to the horizontal bar assigned to the individual student's scale score to allow for visual comparison.

The *AzSCI Family Report Guide* is a one-page, two-sided document, with English on one side and Spanish on the other. The guide helps parents interpret their student's *AzSCI Confidential Student Score Report*.

Online Reporting Platform—PearsonAccess^{next}

Educators will access the AzSCI online reports via PearsonAccess^{next}. Only authorized district and school personnel may access score reports in PearsonAccess^{next} since they contain confidential student information. Access to the score reports in PearsonAccess^{next} requires an appropriate user role.

- District-level user roles provide access to all school-level reports for schools within the district, all district-level reports, and all *AzSCI Student Reports* (individual student reports) for students who tested in the district. District-wide electronic "Student Data Files" and "Summary Files" with summary performance data are also available for downloading from PearsonAccess^{next}.
- School-level user roles provide access to all school-level reports and all *AzSCI Student Reports* (individual student reports) for students who tested in the school. A school electronic "Summary File" (in .txt format) with summary performance data is also available for downloading from PearsonAccess^{next}.

Assigning user roles in PearsonAccess^{next} must be done with care to ensure that student privacy is protected.

AzSCI Online Reports in PearsonAccess^{next}

AzSCI reports have been designed with the reader's comprehension in mind. The goal of these reports is not only to deliver accurate assessment data, but to ensure it is correctly interpreted and understood by the audience. To this end, similar colors are used for groups of similar elements, such as performance levels, throughout the design. This design strategy guides the reader to compare like elements and avoid comparison of dissimilar elements.

All score report data are based on the total number of students whose tests have been scored. Score report data in PearsonAccess^{next} is considered preliminary. PearsonAccess^{next} is not the system used for accountability purposes. All score report data in PearsonAccess^{next}, except for individual students' score reports, can be disaggregated into testing groups, if these were set up by the school during the specified time frame.

The *AzSCI Student Report* (individual student report) will include the average scale scores for the school, district, and state to allow for visual comparison.

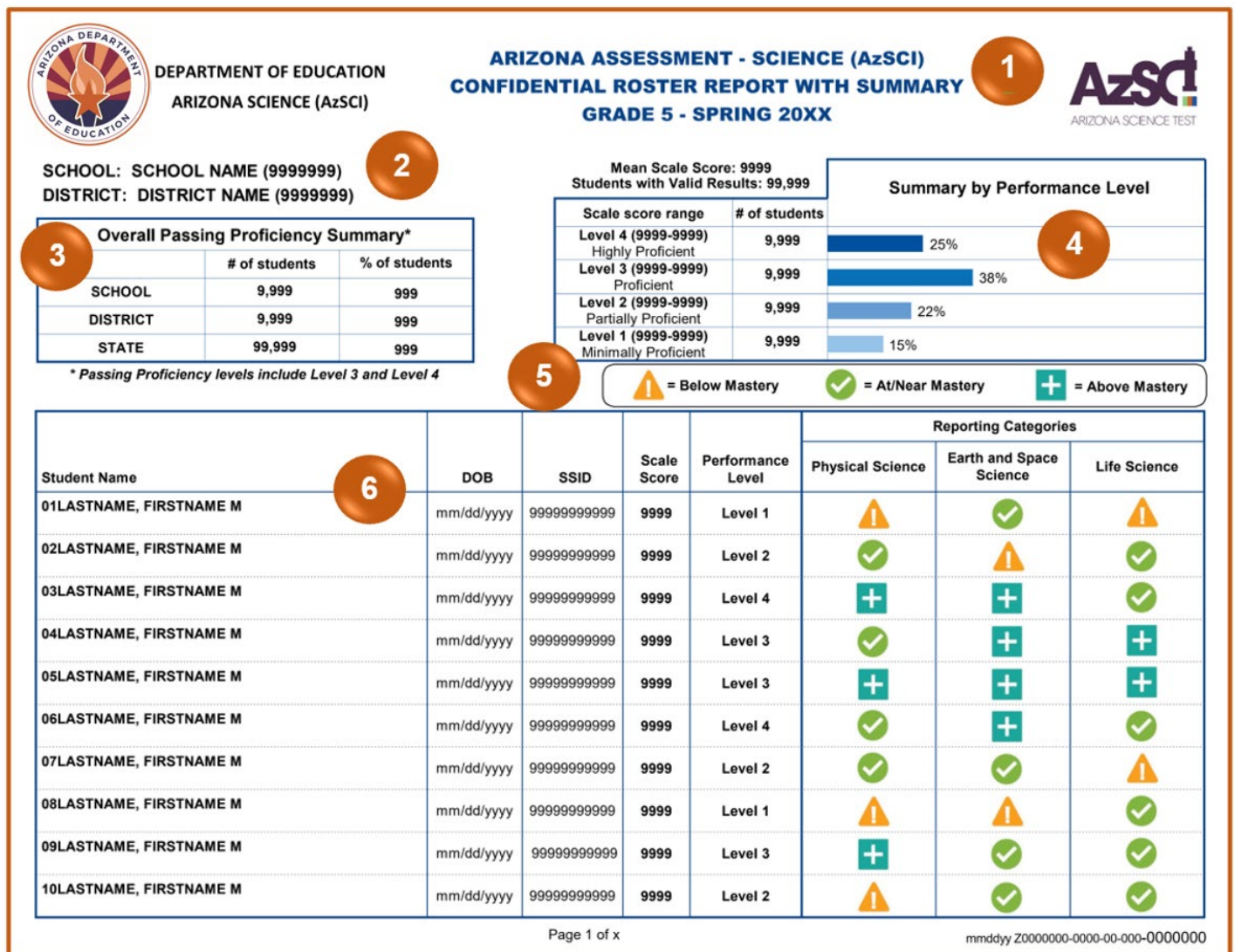
The school and district-level electronic score reports (in **PDF** format) and district-wide electronic student data files (in **.txt** format) are available for downloading from PearsonAccess^{next}. All District Test Coordinators are urged to download and securely store these electronic records.

AzSCI Sample Reports

AzSCI Confidential Roster Report with Summary

The *AzSCI Confidential Roster Report with Summary* displays for a specified grade and is a student roster that includes each student's: name, date of birth (DOB), state-issued identification number (SSID), scale score, performance level, and mastery level for each reporting category. Average scale scores for school, district, and state are displayed for comparison.

Sample AzSCI Confidential Roster Report with Summary




- 1 **Report Name**—The name of the score report and specified grade are displayed on the top of the report.
- 2 **School and District Information**—The school name and code (entity ID number), as well as the district name and code (entity ID number), are displayed.
- 3 **Overall Passing Proficiency Summary Table**—This table includes number (#) of students and percentage (%) of students at the school, district, and state level. Passing proficiency levels include “Level 3” and “Level 4.”
- 4 **Summary by Performance Level Table**—This table includes mean scale score and students with valid test results associated with students in this grade level. This table will also display the scale score ranges, the number of students at each performance level, and the percentage for each performance level.
 - **Performance Levels**—Student performance is reported as one of four performance levels. Students who score at “Level 1—Minimally Proficient” or “Level 2—Partially Proficient” are likely to need support to be ready for the next grade. Students who score at “Level 3—Proficient” or “Level 4—Highly Proficient” are likely to be ready for the next grade.
- 5 **Legend—Mastery Levels:**
 - **Mastery Levels**—Student performance on reporting categories is reported as one of three levels of mastery. Students who score “⚠️ = Below Mastery” demonstrated performance in the reporting category that was clearly below Proficient. Students who score “✅ = At/Near Mastery” demonstrated performance in the reporting category that was exactly at or immediately above/below Proficient. Students who score “➕ = Above Mastery” demonstrated performance in the reporting category that was clearly “Proficient” or higher.
- 6 **Report Table**—The grade level specific detail report table will contain the following information:
 - **Student Name**—The name of the student you are viewing.
 - **DOB**—The date of birth of the student you are viewing.
 - **SSID**—The student’s state-issued identification number.
 - **Scale Score**—The score of each student who completed the test.
 - **Performance Level**—The performance level classification associated with the student’s score for the test.
 - **Reporting Categories**—The student’s mastery level in each of the reporting categories for the specific test being reviewed.

AzSCI Confidential Student Score Report (Individual Student Report)


The *AzSCI Confidential Student Score Report* (individual student report) displays a student's identification information, scale score, performance level, and mastery level for each reporting category. Average scale scores for the school, district, and state are displayed for comparison.

Sample AzSCI Confidential Student Score Report (pages 1 and 2)



DEPARTMENT OF EDUCATION
ARIZONA SCIENCE (AzSCI)

1
FIRSTNAME M. LASTNAME
SPRING 20XX GRADE: 5
SSID: 9999999999
DOB: mm/dd/yyyy
SCHOOL NAME (9999999)
DISTRICT NAME (9999999)



2

Arizona Assessment - Science (AzSCI) Confidential Student Score Report

About the AzSCI
The Arizona Science Assessment (AzSCI) will be aligned to the Arizona Science Standards (2018) that is developed using a three-dimensional approach. The three dimensions of science instruction are Science and Engineering Practices (what students do to make sense of phenomena), Crosscutting Concepts (the lens through which students think about phenomena), and the ten Core Ideas (the big ideas of science in Life, Physical, and Earth/Space Science).

The three core ideas for Using Science connect scientific principles, theories, and models; engineering and technological applications; and societal implications to the content knowledge in order to support that understanding.

About this report
This report will help you answer questions about the development of your student's skills and abilities:

- How did your student perform using the Arizona three-dimensional Science Standards?
- How well did your student perform in each Physical Science, Earth and Space Science, and Life Science?

FIRSTNAME'S OVERALL RESULTS

9999	9999	9999	9999	9999
Your Student	9999			
School Average	9999			
District Average	9999			
State Average	9999			

Level 1 Minimally Proficient Level 2 Partially Proficient Level 3 Proficient Level 4 Highly Proficient

Performance Level Description: Students at Level 3 are able to effectively engage in multiple scientific practices as they gather information to ask questions and explain phenomena relating to changes in matter, forces, and energy. Students develop models and explain patterns as evidence to support and communicate their understanding of how populations of organisms and Earth have changed over time and how energy and availability of resources affect Earth's systems. Students use basic mathematical and computational thinking to analyze data and support arguments to identify patterns of genetic information and movement between Earth and the Moon. Students identify criteria and constraints in an investigation to evaluate solutions. Students are likely to be ready for science content in the next grade.

How will my student's school use the test results?
Results from the test give your student's teacher information about his/her academic performance. The results also give your school and school district important information to make improvements to the education program and to teaching.

Learn more about the New Arizona Science Standards
Explore your school website, or ask your principal, for information on your school's annual assessment schedule; the curriculum chosen by your district to give students more hands-on learning experiences that meet state standards; and to learn more about how test results contribute to school improvements.
You can also learn more about New Arizona Science standards at <https://www.azed.gov/standards-practices/k-12standards/standards-science>.

Page 1 of 2 mmddccyy-2999999-99999-999-9999999

FIRSTNAME M. LASTNAME
SPRING 20XX GRADE: 5

5
Legend: Reporting Categories
 = Below Mastery = At/Near Mastery = Above Mastery

Science and Engineering Practices and Crosscutting Concepts Reporting Categories		PERFORMANCE
6	Physical Science: Students performing at this level show an advanced understanding of the three-dimensions in Physical Science content, including: <ul style="list-style-type: none"> All matter in the Universe is made of very small particles. Objects can affect other objects at a distance. Changing the movement of an object requires a net force to be acting on it. The total amount of energy in a closed system is always the same but can be transferred from one energy store to another during an event. 	
	Earth and Space Science: Students performing at this level show a good understanding of the three-dimensions in Earth and Space Science content, including: <ul style="list-style-type: none"> The composition of the Earth and its atmosphere and the natural and human processes occurring within them shape the Earth's surface and its climate. The Earth and our solar system are a very small part of one of many galaxies within the Universe. 	
	Life Science: Students performing at this level likely need more support of the three-dimensions in Life Science content, including: <ul style="list-style-type: none"> Organisms are organized on a cellular basis and have a finite life span. Organisms require a supply of energy and materials for which they often depend on, or compete with, other organisms. Genetic information is passed down from one generation of organisms to another. The unity and diversity of organisms, living and extinct, is the result of evolution. 	

For more information about AzSCI, go to <https://www.azed.gov/assessment/sci>.
If you require your child's report in an alternative format, please contact ADE's Assessment Section at Testing@azed.gov.

Page 2 of 2

1 Report Data (top of page 1)—The student's full name, test administration year, specified grade, state-issued identification number (SSID), date of birth (DOB), school name and code (entity ID number), and district name and code (entity ID number) are displayed.

2 Report Name—The name of the score report is displayed on the top of the report. The sections "About the AzSCI" and "About this Report" will help answer questions about the development of the student's skills and abilities.


- 3 Student Overall Results Table**—This table will contain the following:
- **Student’s First Name**—The name of the student you are viewing.
 - **Scale Score**—The scale score this student received on the selected test.
 - **Performance Level**—The performance level classification associated with the student’s score for the test. Student performance is reported as one of four performance levels. Students who score at “Level 1—Minimally Proficient” or “Level 2—Partially Proficient” are likely to need support to be ready for the next grade. Students who score at “Level 3—Proficient” or “Level 4—Highly Proficient” are likely to be ready for the next grade.
 - **Comparison Scores**—The average scale scores for the school, district, and state are also displayed for comparison. The layout of horizontal bars assigned to these scale scores are similar to the horizontal bar assigned to the individual student’s scale score to allow for visual comparison.
- 4 Performance Level Description**—Student performance level obtained is shown along with a description of the performance level.
- 5 Legend: Reporting Categories (Mastery Levels)**—Student performance on reporting categories is reported as one of three levels of mastery. Students who score “⚠️ = Below Mastery” demonstrated performance in the reporting category that was clearly below Proficient. Students who score “✅ = At/Near Mastery” demonstrated performance in the reporting category that was exactly at or immediately above/below Proficient. Students who score “➕ = Above Mastery” demonstrated performance in the reporting category that was clearly “Proficient” or higher.
- 6 Science and Engineering Practices and Crosscutting Concepts Reporting Categories Table**—This table includes each of the reporting categories being assessed: Physical Science, Earth and Space Science, and Life Science; descriptions of what was assessed in each reporting category; and the student’s performance/mastery level in each reporting category.

AzSCI Family Report Guide


The AzSCI Family Report Guide is provided to help parents interpret and use information contained in their student's AzSCI Confidential Student Score Report. This guide is provided in both English and Spanish.

Sample AzSCI Family Report Guide

ARIZONA ASSESSMENT – SCIENCE (AzSCI)
AzSCI FAMILY REPORT GUIDE



FIRSTNAME M. LASTNAME
SPRING 20XX GRADE: 8
 SSID: 9999999999
 DCID: mm/ddd/yyyy
 SCHOOL NAME (99999999)
 DISTRICT NAME (99999999)



Arizona Assessment - Science (AzSCI)
Confidential Student Score Report

About the AzSCI
 The Arizona Science Assessment (AzSCI) will be aligned to the Arizona Science Standards (2018) that is developed using a three-dimensional approach. The three dimensions of science instruction are Science and Engineering Practices (what students do to make sense of phenomena), Crosscutting Concepts (the lens through which students think about phenomena), and the Ten Core Ideas (the big ideas of science in Life, Physical, and Earth/Space Science).

The three core ideas for Using Science connect scientific principles, theories, and models; engineering and technological applications; and societal implications to the content knowledge in order to support that understanding.

FirstNAME's OVERALL RESULTS

Score	Level	Description
9999	Level 4	Highly Proficient
9999	Level 3	Proficient
9999	Level 2	Partially Proficient
9999	Level 1	Minimally Proficient

Performance Level Description: Students at Level 1 are able to effectively engage in multiple scientific practices as they gather information to ask questions, explain phenomena relating to cycling of matter, forces, and changes in motion and energy flow. Students develop models to explain patterns in data as evidence to support and communicate their understanding of structure and function, ecosystems, the geosphere, and the solar system. Students use basic mathematical and computational skills to analyze data and support arguments to identify patterns and cause-and-effect relationships in the natural world. Students identify criteria and constraints in an investigation to evaluate solutions. Students are likely to be ready for science content in the next grade.

How will my student's school use the test results?
 Results from the test give your student's teacher information to make adjustments to the education program and to teaching.

Learn more about the New Arizona Science Standards
 Explore your school website or your principal, for information on your school's annual assessment schedule; the curriculum chosen by your district; how test results contribute to school improvements; and can refer to the Arizona Department of Education website provided for more information about the Arizona Science Standards.

FIRSTNAME M. LASTNAME
SPRING 20XX GRADE: 8

Legend: Reporting Categories

Reporting Category	Performance
Science and Engineering Practices and Crosscutting Concepts	
Physical Science:	✓
Earth and Space Science:	✓
Life Science:	⚠

For more information about AzSCI, go to <https://www.azed.gov/assessment/sci>.
 If you require your child's report in an alternative format, please contact ADE's Assessment Section at Testing@azed.gov.

1 Horizontal Bar Chart
 This "horizontal bar chart" shows the range of scores and the four performance levels possible on this test. Your student's numeric score is shown along with the averages for your student's school, district, and the state of Arizona.

2 Performance Level Description
 Your student's performance level is identified and described in this section. There are four performance levels that describe the general skills and abilities for students who take the AzSCI. Students who score **Level 4–Highly Proficient** or **Level 3–Proficient** on AzSCI are likely to be ready for the next grade. Students who score **Level 2–Partially Proficient** or **Level 1–Minimally Proficient** are likely to need support to be ready for the next grade.

3 How will my student's school use the test results?
 Your student's test results will give the school and school district important information to make improvements to the education program and to teaching.

4 Learn more about the Arizona Science Standards
 You can learn more about the curriculum chosen by your district; how test results contribute to school improvements; and can refer to the Arizona Department of Education website provided for more information about the Arizona Science Standards.

5 Legend: Reporting Categories
 Each test has three reporting categories that describe the content of different parts of the test.

6 Science and Engineering Practices and Crosscutting Concepts–Reporting Categories
 This section describes how well your student performed using the Arizona three-dimensional Science Standards in Physical Science, Earth and Space Science, and Life Science based on your student's ability level for each of these reporting categories.

7 Performance / Mastery Levels
 Your student's ability level for each of these reporting categories is indicated. Students with the symbol + or ✓ show a good understanding of the content covered in this reporting category. Students with the symbol ⚠ likely need more support with the content covered in this reporting category.

For more information about your student's academic performance, contact your student's teacher or school.

Sample AzSCI Family Report Guide (in Spanish)

PRUEBA DE ARIZONA – CIENCIAS (AzSCI)

GUÍA PARA EL INFORME FAMILIAR DEL AzSCI

PRUEBA DE ARIZONA – CIENCIAS (AzSCI)
Informe Confidencial del Estudiante

Información sobre AzSCI
La prueba de Ciencias de Arizona (AzSCI, por sus siglas en inglés) se alinea con los Estándares de Ciencias de Arizona (en inglés conocido como *Arizona Science Standards*) (2018) que se desarrolló utilizando un enfoque tridimensional. Las tres dimensiones de la instrucción de ciencias son: Prácticas de Ciencias e Ingeniería (lo que los estudiantes hacen para dar sentido a los fenómenos), Conceptos Transversales (el objetivo a través del cual los estudiantes piensan sobre los fenómenos), y las diez Ideas Centrales (las grandes ideas de las Ciencias Biológicas, Ciencias Físicas y Ciencias de la Tierra y el Espacio).

Las tres Ideas Centrales para Usar Ciencias (*Using Science* en inglés) conectan principios científicos, teorías y modelos; ingeniería y aplicaciones tecnológicas; e implicaciones sociales para el conocimiento del contenido con el fin de apoyar esa comprensión.

Información sobre este informe
Este informe le ayudará a responder preguntas sobre el desarrollo de las destrezas y habilidades de su estudiante:

- ¿Cómo se desempeñó su estudiante usando los Estándares tridimensionales de Ciencias de Arizona?
- ¿Qué tan bien se desempeñó su estudiante en Ciencias Físicas, Ciencias de la Tierra y el Espacio y Ciencias Biológicas?

Resultados generales de FIRSTNAME

Su estudiante 9999

Promedio-Escuela 9999

Promedio-Distrito 9999

Promedio-Estado 9999

Nivel 1 Minimamente competente

Nivel 2 Parcialmente competente

Nivel 3 Competente

Nivel 4 Altamente competente

Descripción del nivel de rendimiento: Los estudiantes en el Nivel 4 pueden participar de manera efectiva y constante en múltiples prácticas científicas a medida que recopilan información para hacer preguntas y al explicar fenómenos relacionados con cambios en la materia y la energía. Los estudiantes desarrollan y evalúan modelos y determinan patrones en los datos para construir y comunicar explicaciones de cómo las poblaciones de organismos y la Tierra cambiaron con el tiempo, cómo la energía y la disponibilidad de recursos afectan los sistemas de la Tierra. Los estudiantes utilizan un enfoque analítico y computacional para analizar datos y apoyar razonamientos para identificar patrones de información, estructura y movimiento entre la Tierra y la Luna. Los estudiantes planean investigaciones para determinar soluciones. Es muy probable que los estudiantes estén preparados para el contenido de ciencias en el próximo grado.

¿Cómo utilizará la escuela de mi estudiante los resultados de la prueba?
Los resultados de la prueba le dan al maestro de su estudiante información sobre su desempeño académico. Los resultados también le dan a su escuela y distrito escolar información importante para mejorar el programa educativo y a la enseñanza.

Aprenda más sobre los Nuevos Estándares de Ciencias de Arizona
Explore el sitio web de su escuela, pregunte a su director, para obtener información sobre el programa de evaluación anual de su escuela; el programa de estudios elegido por su distrito para brindar a los estudiantes más experiencias de aprendizaje práctico que los estándares estatales; y para obtener más información sobre cómo los resultados de las pruebas de ciencias de Arizona se relacionan con las mejoras escolares. También puede obtener más información sobre los nuevos Estándares de Ciencias de Arizona en <https://www.azed.gov/standards-practices/k-12standards/standards-science>.

Página 1 de 2

PRUEBA DE ARIZONA – CIENCIAS (AzSCI)
Informe Confidencial del Estudiante

Legenda: Categorías de resultados
⚠ Por debajo del nivel de dominio ✓ A nivel de dominio + Por encima del nivel de dominio

Prácticas de ciencia e ingeniería y conceptos transversales	Categorías de resultados	Nivel de dominio
Ciencias Físicas: Los estudiantes que se desempeñan en este nivel muestran una comprensión avanzada de las tres dimensiones en el contenido de Ciencias Físicas, que incluyen: • Toda la materia del Universo está formada por partículas muy pequeñas. • Los objetos pueden afectar a otros objetos a distancia. • Cambiar el movimiento de un objeto requiere que una fuerza neta actúe sobre él. • La cantidad total de energía en un sistema cerrado es siempre la misma pero puede ser transferida de un sistema a otro durante un evento.		+
Ciencias de la Tierra y el Espacio: Los estudiantes que se desempeñan en este nivel muestran una comprensión avanzada de las tres dimensiones en el contenido de Ciencias de la Tierra y el Espacio, que incluyen: • La composición de la Tierra y su atmósfera y los procesos naturales y humanos que ocurren dentro de ellos dan forma a la superficie de la Tierra y su clima. • La Tierra y nuestro sistema solar son una parte muy pequeña de una de muchas galaxias dentro del Universo.		✓
Ciencias Biológicas: Los estudiantes que se desempeñan en este nivel muestran una comprensión avanzada de las tres dimensiones en el contenido de Ciencias Biológicas, que incluyen: • Los organismos están organizados sobre una base celular y tienen una vida finita. • Los organismos requieren un suministro de energía y materiales de los que a menudo dependen o compiten con otros organismos. • La información genética se transmite de una generación de organismos a otra. • La unidad y diversidad de los organismos, vivos y extintos, es el resultado de la evolución.		+

Para obtener más información sobre AzSCI, visite <https://www.azed.gov/assessment/sci>.
Si necesita el informe de su hijo en un formato alternativo, póngase en contacto con la Sección de Exámenes del Departamento de Educación de Arizona al correo electrónico Testing@azed.gov.

Página 2 de 2

1 Gráfica de barras horizontales

Esta "gráfica de barras horizontales" muestra el rango de puntajes y los cuatro niveles de rendimiento posibles para esta prueba. El puntaje numérico de su estudiante se muestra junto con los promedios de la escuela y distrito de su estudiante, así como del estado de Arizona.

2 Descripción del nivel de rendimiento

En esta sección se identifica el nivel de rendimiento de su estudiante. Existen cuatro niveles de rendimiento que describen las habilidades y destrezas de los estudiantes que toman el AzSCI. Es probable que los estudiantes que califican en el **Nivel 4–Altamente competente (Level 4–Highly Proficient en inglés)** o **Nivel 3–Competente (Level 3–Proficient en inglés)** estén preparados para el siguiente grado. Los estudiantes que califican en el **Nivel 2–Parcialmente competente (Level 2–Partially Proficient en inglés)** o **Nivel 1–Minimamente competente (Level 1–Minimally Proficient en inglés)** probablemente necesiten apoyo para estar preparados para el siguiente grado.

3 ¿Cómo utilizará la escuela de mi estudiante los resultados de la prueba?

Los resultados de la prueba de su estudiante brindan al distrito escolar y escuela información importante para mejorar el programa educativo y a la enseñanza.

4 Aprenda más sobre los Estándares de Ciencias de Arizona

Puede obtener más información sobre el programa de estudios elegido por su distrito; cómo los resultados de las pruebas contribuyen a las mejoras escolares; y puede consultar el sitio web provisto del Departamento de Educación de Arizona para obtener más información sobre los Estándares de Ciencias de Arizona.

5 Leyenda: Categorías de resultados

Cada prueba tiene tres categorías de resultados que describen el contenido de las diferentes partes de la prueba.

6 Prácticas de ciencia e ingeniería y conceptos transversales–Categorías de resultados

Esta sección describe qué tan bien se desempeñó su estudiante usando los Estándares de Ciencias de Arizona de las tres dimensiones en el contenido de Ciencias Físicas, Ciencias de la Tierra y el Espacio y Ciencias Biológicas según el nivel de desempeño de su estudiante para cada una de estas categorías de resultados.

7 Niveles de dominio

Estos indican el nivel de desempeño de su estudiante en cada una de estas categorías de resultados. Los estudiantes con los símbolos **+** o **✓** demuestran buena comprensión del contenido cubierto en esta categoría de resultado. Los estudiantes con el símbolo **⚠** probablemente necesiten más apoyo con el contenido cubierto en esta categoría de resultado.

Para obtener más información sobre el desempeño académico de su estudiante, contacte a el/la maestro/a de su estudiante o a la escuela.

How To Log In to PearsonAccess^{next}, View Online Reports, and Access AzSCI Student Data File Layout

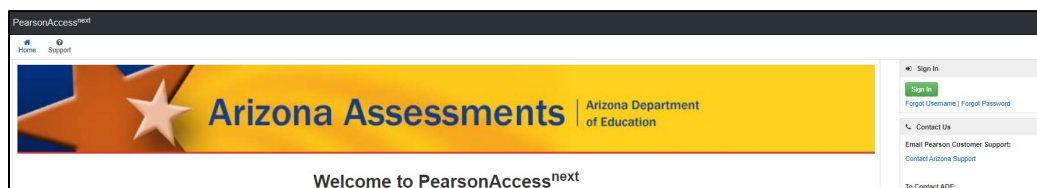
Access to the online reports and data depends on user roles in the PearsonAccess^{next} platform and the school and district associations. For more information on creating and managing user roles in PearsonAccess^{next}, please refer to the *PearsonAccess^{next} User Guide*, available at <https://az.pearsonaccessnext.com>.

How to Log In to PearsonAccess^{next}

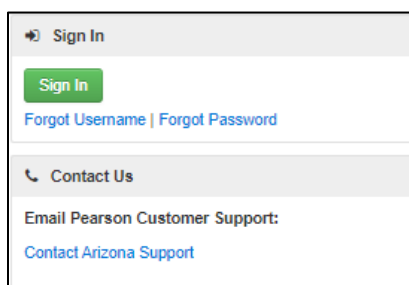
To log in to PearsonAccess^{next}, you must have an authorized username and password. If you have not yet received your login information, contact your School Test Coordinator or District Test Coordinator as you will need to be added to PearsonAccess^{next} before you can access the online reports.

To log in to PearsonAccess^{next}:

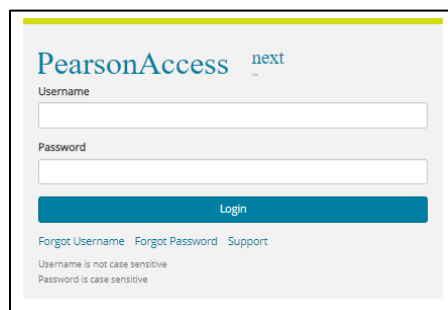
1. Open your web browser and navigate to the PearsonAccess^{next} platform (<https://az.pearsonaccessnext.com>).



2. Click on the green **Sign In** button that is located on the right side of the Home Page. The **Login** page appears.

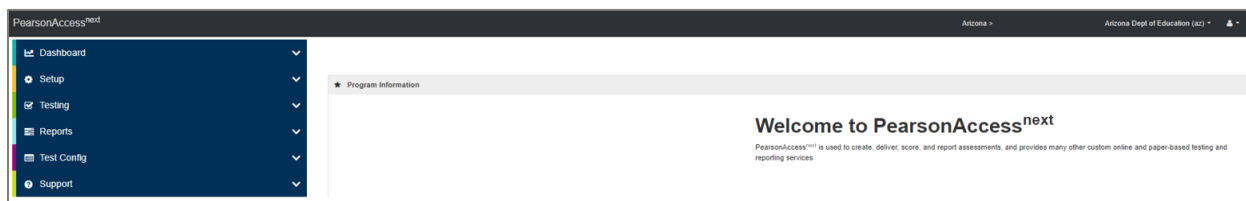


3. Enter your Username (email address) and password on the **Login** page.



The screenshot shows the PearsonAccess next login interface. At the top, the PearsonAccess next logo is displayed. Below the logo, there are two input fields: 'Username' and 'Password'. A blue 'Login' button is positioned below the password field. Underneath the button, there are three links: 'Forgot Username', 'Forgot Password', and 'Support'. At the bottom, there are two lines of text: 'Username is not case sensitive' and 'Password is case sensitive'.

4. Click on the blue **Login** button. You will be logged into PearsonAccess^{next} provided you have entered the correct login credentials.



Note: Your Username will be your email address. Passwords must be reset each year. If you forgot your password, use the “Forgot Password” link to have the password reset.

If you have questions about PearsonAccess^{next}, or for trouble logging in, contact 1-888-705-9421 (option 1 for AzSCI), Monday through Friday, 7:00 a.m. to 7:00 p.m. CST, except holidays.

For email support, please select the **Contact Arizona Support** link under the **Contact Us** section of the **Home Screen**.

How To Access, Download, and Print Online Score Reports, Summary Files, and Student Data Files

The following reports will be made available to both the School-level and District-level users in PearsonAccess^{next}:

- *AzSCI Student Report* (in **PDF** format)
- *AzSCI Informe del Estudiante* (“AzSCI Student Report” in Spanish) (in **PDF** format)
- *AzSCI Confidential Roster Report with Summary* (School-level report by grade level) (in **PDF** format)
- *AzSCI Summary File* (School and District level summary file with summary performance data) (in **.txt** format)

Note: The *AzSCI District Confidential Roster Report with Summary* (District-level report by grade level in **PDF** format) and *AzSCI Student Data File* (in **.txt** format) will be available at the District-level only.

When you first log in to PearsonAccess^{next}, the **Home Screen** is displayed.

How to view the online reports:

1. Select the Test Administration in the black task bar across the top of the screen. This will open the Test Administration dropdown menu.
2. From the **Test Administration** dropdown menu, select the corresponding dropdown option for the test administration year and program: **Spring YYYY Program Name**.
3. On the black task bar across the top of the screen, select the **Organization Name**. This will open the Organization dropdown menu.
4. To search for reports, on the **Organization** dropdown menu:
 - School-level users should select the **School** radio button to search for their school reports.
 - District-level users should select the **District** radio button to search for all schools’ reports and student data files assigned to their district.

5. To view information for a specific school, select the school name from the list of schools in the dropdown menu. You can also enter the school name in the Search box.

Note: District-level users can leave the Organization Name as their District name and use the reporting filters on the **Published Reports screen**, detailed later in this section, to search for specific school reports and student data files.

6. Go to **REPORTS**, select **Published Reports**.

7. On the **Published Reports** screen, there are two ways to find reports.
 - Enter search information into the **Find Reports** filter.
 - Enter search information into the **Filters** section.
 - **Organization Type** (select School or District, as applicable)
 - **Organization Name** (type in the partial or full school name)
Note: Your assigned organization will be automatically populated in this filter. If your assigned organization is at the district-level, remove this filter selection to see school-level reports.
 - **Published Report Date Range** (mm/dd/yyyy)
8. You can download and view one or multiple reports. To download a single report or student data file (District-level only), select the hyperlink **File Name**.
9. To download multiple reports or student data files (District-level only), check box(es) left of the file name and then select **Download**.
Note: The selected reports will download to your computer. Print or save using your computer's print function. Depending on the number of reports selected, the download may occur as a zip file, and you will need to extract the files.

Understanding the Student Data File and Reporting Categories by Grade Level

After retrieving the “Student Data File” from PearsonAccess^{next}, the **Excel** or **CSV** file will contain standard columns. For support in understanding the information provided in the “Student Data File” columns, the *AzSCI Student Data File Layout* will be available. This layout will list all of the columns included in the “Student Data File” along with a description of the information contained in each column.

Note: The District-level and School-level users will have access to view and download the *AzSCI Student Data File Layout* in PearsonAccess^{next}: <https://az.pearsonaccessnext.com>.

Reporting Categories by Grade Level

A table with the *AzSCI Reporting Categories by grade level* is displayed.

Subject	Grade	Reporting Category	Sort Order
Science	5, 8, and the 11 th grade cohort	Physical Science	1
		Earth and Space Science	2
		Life Science	3