

# Interpretive Guide to the Science CRT and High School Science Assessment Student Reports

This sample score report represents the 2018 spring administration of the Science assessments.

*What do the Science assessments measure?* These tests are administered to students in grades 5, 8, 9, and 10. They measure whether your child is on track for college and career readiness and how well they understand the Nevada Academic Content Standards based on the Next Generation Science Standards (NGSS).

*What does my child's score mean?* Scores reflect whether students met grade-level expectations. The Student Score Report shows your child's areas of strength and areas to focus on for improvement. We encourage you to speak with a school counselor or teacher to discuss other data from your child's school to get a total picture of their achievement and growth.

*How do these test results affect my child's school?* Your child's participation in state-mandated testing helps CCSD and the Nevada Department of Education to identify schools that need additional resources, such as teachers, programs, and materials, to support increased student achievement. CRT scores are also used to celebrate successful schools that have high levels of student achievement.

**Student: Student Name**  
Grade: X  
Birth Date: XX/XX/XXXX

State Student ID: XXXXXXXX  
School: Sample School

District: Sample District  
Test Date: Spring 2018

**Achievement Levels**

Grade 10	Level 1: Minimal Understanding	Level 2: Partial Understanding	Level 3: Proficient	Level 4: Advanced
Science			1 ✓	

**Achievement Level Descriptors**

**Level 1** - The student has not met the achievement standard and requires substantial and significant improvement to demonstrate the knowledge and skills needed as preparation for success in college and/or career after high school.

**Level 2** - The student has minimally met the achievement standard and may require specific and targeted improvement to demonstrate the knowledge and skills needed as preparation for success in college and/or career after high school.

**Level 3** - The student has met the achievement standard and has demonstrated progress toward mastery of the knowledge and skills needed as preparation for success in college.

**Level 4** - The student has exceeded the achievement standard and has clearly demonstrated the knowledge and skills needed as preparation for success in college.

**Student Scale Score and Confidence Band**

\* The student's test scale score is indicated by ●. If this student were to test again under similar circumstances, his/her score would likely remain in the following range: XXX-XXX, as shown by the segment —.

**How Student's Science Score Compares**      3

Scale Score	Level 1	Level 2	Level 3	Level 4
Student	XXX			
School*	XXX			
District*	XXX			
State*	XXX			

\* A mean score is the average score calculated by adding the score values, dividing by the number of values, and rounding to the nearest whole number.

Want to see what test questions look like? Visit the Online Tools Training at <https://wbte.drctdirect.com/NV/portals/nv>.

**Performance Key**

Your child's performance level is indicated by both the color and level of liquid contained in the flask as shown in the **Performance Key**.

**4. Science and Engineering Practices** indicate the ability to take a scientific approach to problem solving.

**Science and Engineering Practices** 4

Gathering	
Reasoning	
Communicating	

**Crosscutting Concepts** indicate the ability to make connections across multiple scientific domains.

**Crosscutting Concepts** 5

Causality, Patterns, and Connections	
Systems and System Models	

**6. Disciplinary Core Ideas (Including Engineering Design)** demonstrates an understanding of complex scientific ideas. (Different from Grades 5 & 8 to High School)

6

**Disciplinary Core Ideas (Including Engineering Design)**

Life Science (Grades 5 & 8)	
From Molecules to Organisms (HS)	
Physical Science (Grades 5 & 8)	
Ecosystems (HS)	
Earth and Space Science (Grades 5 & 8)	
Heredity (HS)	
Biological Evolution (HS only)	

For more information about the Nevada Academic Content Standards for Science, talk to your child's teacher or visit [http://www.doe.nv.gov/Standards\\_Instructional\\_Support/Nevada\\_Academic\\_Standards/Science/](http://www.doe.nv.gov/Standards_Instructional_Support/Nevada_Academic_Standards/Science/).