



CASCIA Grade 8 Unit 1

Interactive Training Module Table of Contents

Chapter	Title	Recording	PDF (Accessible)	PowerPoint
1	Introduction to the Interactive Training Module This chapter: • Provides an overview of the SIPS and CASCIA Projects • Describes the module's purpose, audience, and navigation and accessibility features, and • Describes the contents of the five chapters.	 Grade 8 Unit 1 – Chapter 1 Recording	 Grade 8 Unit 1 – Chapter 1 PDF (Accessible)	 Grade 8 Unit 1 – Chapter 1 PowerPoint
2	Orientation to the CASCIA Scoring and Reporting Resources This chapter: • Explains how the assessment tasks are designed to measure students' multi-dimensional science learning, • Describes the purpose and location of the CASCIA scoring and reporting resources, and • Describes how the assessment tasks and resources work together to support shifts in science teaching and learning.	 Grade 8 Unit 1 – Chapter 2 Recording	 Grade 8 Unit 1 – Chapter 2 PDF (Accessible)	 Grade 8 Unit 1 – Chapter 2 PowerPoint

Preparation for Accurate and Consistent Scoring of Student Work

This chapter:

- Introduces strategies to support accurate and consistent scoring of student work,
- Highlights key considerations for effectively using the CASCIA scoring resources during the scoring process, and
- Explains how to access the CASCIA scoring resources.

3 Part 1



[Grade 8 Unit 1 – Chapter 3 Part 1 Recording](#)



[Grade 8 Unit 1 – Chapter 3 Part 1 PDF \(Accessible\)](#)



[Grade 8 Unit 1 – Chapter 3 Part 1 PowerPoint](#)

Interactive Activity to Score CASCIA Student Work

This chapter:

- Helps strengthen the ability to use CASCIA scoring rubrics, student exemplars, and annotated student responses to evaluate evidence of student science learning, and
- Supports the identification of evidence of multi-dimensional science learning and the development of strategies to ensure accurate and consistent scoring across students, tasks, and time.

3 Part 2



[Grade 8 Unit 1 – Chapter 3 Part 2 Recording](#)



[Grade 8 Unit 1 – Chapter 3 Part 2 PDF \(Accessible\)](#)



[Grade 8 Unit 1 – Chapter 3 Part 2 PowerPoint](#)

Resources for Interpreting and Using CASCIA Assessment Results

This chapter:

- 4 Part 1
- Emphasizes the importance of interpreting and using assessment results and offers relevant considerations and strategies,
 - Strengthens understanding of the CASCIA reporting resources—including the individual student report, classroom roster report, interpretive guidance and instructional strategies for educators, family guidance, and task interpretation guide—and how they work together to support instructional practice and students' multi-dimensional learning, and
 - Explains how to access the CASCIA reporting resources.



[Grade 8 Unit 1 – Chapter 4 Part 1 Recording](#)



[Grade 8 Unit 1 – Chapter 4 Part 1 PDF \(Accessible\)](#)



[Grade 8 Unit 1 – Chapter 4 Part 1 PowerPoint](#)

Interactive Activity to Interpret and Apply the CASCIA Assessment Results

This chapter:

- 4 Part 2
- Supports the use of CASCIA reporting resources to interpret student scores by performance category and determine the type and level of instructional support needed to meet science learning expectations, and
 - Guides the identification of patterns in student performance to inform next instructional steps for individuals, partners, small groups, and whole-class reteaching, extensions, and interventions.



[Grade 8 Unit 1 – Chapter 4 Part 2 Recording](#)



[Grade 8 Unit 1 – Chapter 4 Part 2 PDF \(Accessible\)](#)



[Grade 8 Unit 1 – Chapter 4 Part 2 PowerPoint](#)

Next Steps: Calibration and Capacity Building

This chapter:

- Strengthens knowledge of how the CASCIA/SIPS scoring and reporting resources can be leveraged to interpret and use student performance data to inform instructional adjustments,
- Deepens understanding of the importance of using multiple assessments of student learning when making instructional decisions, and
- Introduces key considerations for using student results generated by the CASCIA/SIPS scoring resources to guide instruction.



[Grade 8 Unit 1 – Chapter 5 Recording](#)



[Grade 8 Unit 1 – Chapter 5 PDF \(Accessible\)](#)



[Grade 8 Unit 1 – Chapter 5 PowerPoint](#)

CASCIA Grade 8 Unit 1 Interactive Training Module Glossed Terms/Phrases

This glossary:

- Defines key terms and phrases used throughout the chapters to support understanding of the CASCIA/SIPS assessment system and related resources,
- Provides slide references to help locate where each term is introduced or explained in the module content, and
- Supports consistent interpretation of terminology related to assessment tasks, scoring, reporting, and instructional use across chapters and users.



[Grade 8 Unit 1 - Glossary](#)
