



Science Grade 7 Semester 2 Final Assessment Blueprint

Year: 2024-2025
Subject: Science

Method of Delivery: Online
Administration Window: May 12-22

Resources

[Integrated Science 7 Curriculum Map](#)

Standards At-A Glance

Standard	Number of Items	Standard Description
SCI.7.7.P2U1.1	2	Collect and analyze data demonstrating how electromagnetic forces can be attractive or repulsive and can vary in strength.
SCI.7.7.P2U1.2	5	Develop and use a model to predict how forces act on objects at a distance.
SCI.7.7.P3U1.3	6	Plan and carry out an investigation that can support an evidence-based explanation of how objects on Earth are affected by gravitational force.
SCI.7.7.P3U1.4	6	Use non-algebraic mathematics and computational thinking to explain Newton's laws of motion.
SCI.8.8.P4U1.4	7	Develop and use mathematical models to explain wave characteristics and interactions.

* Some items are tagged to more than one standard.

Depth of Knowledge

DOK	Number of Items
Level 1: Recall	2
Level 2: Skill/Concept	15
Level 3: Strategic Thinking	9

Item Types Included

Type	Number of Items	Description
IC	3	Inline Choice - Select the correct response from one or more dropdown menus within the question
MC	17	Multiple Choice - Select one answer
EBSR	3	Evidence-Based Selected Response - answer a two-part question in which Part B provides text evidence for the answer in Part A
MR	3	Multiple Response - Select all the correct answers