



Quick facts

Grade level 9–12

Assessment type Computer-adaptive

Structure Cross-grade

Subjects Science

Test time Untimed; approximately 45 minutes per subject

Norm study Nationally normed in 2015

Administration Students test at home; test is administered online

Technical requirements Internet connection and computer, iPad®, or Chromebook® (for complete requirements see [HomeschoolBoss.com](https://www.HomeschoolBoss.com))

What level student should take this test?

This science assessment in MAP® Growth™ is designed for students in grades nine through 12.

What is a computer-adaptive test?

A computer-adaptive test is a method for administering tests that adapt to a student's performance level. The difficulty of the test tailors itself to the student's performance. The first question in the test is based on the student's current performance estimate (either their grade level or a previous MAP Growth test score). When a student responds correctly, they receive a more difficult question. Similarly, incorrect responses are followed by easier questions. After only a few questions, the test difficulty is close to a student's true performance level, and a reasonable estimate can be reported in the form of a RIT score.

What is assessed?

Life Science

- Ecosystems: Interactions, Energy, and Dynamics
- From Molecules to Organisms: Structures and Processes
- Heredity: Inheritance and Variation of Traits; Biological Evolution: Unity and Diversity

Physical Science

- Energy; Waves and Their Applications in Technologies for Information Transfer
- Matter and Its Interactions
- Motion and Stability: Forces and Interactions

Earth and Space Science

- Earth and Human Activity
- Earth's Place in the Universe
- Earth's Systems

Results

How long will it take to receive results?

Your results will be posted to our client portal within 2 business days of completing testing.

What is included in the score report?

Percentile rankings and “typical of,” comparing the student's performance to the norm groups (e.g., first grade, winter), showing how the student compares to their peers, and for what grade/season their performance is typical. Percentile rankings are not available beyond the spring of eleventh grade.

RIT scores for the science test overall and for the subtopics. Used to track growth over time.

Learning statements, typically 10–15 pages of specific skills the student is ready to learn.