

2022-23 Grading Schema for Science

Grades 3 - 5

Grading is based on the BOCES4Science units that will be taught at each grade level. With each unit, a student science journal is provided as well as additional activities/assessments both suggested and integrated into the unit. Numerical grades should be based on a combination of the end of unit performance task/assessment and the classwork completed within the unit. The chart below has been provided for guidance.

All resources mentioned in the chart below will be included in the kit you receive and can also be found on the website www.boces4science.org. All units are password protected – passwords will be shared via email at the beginning of the school year.

Categories to Include in Determining Numerical Grade	Explanation
Unit Classwork and Participation	Must include (but not limited to): <ul style="list-style-type: none"> • Student Science Journal – Completeness and accuracy of responses with a strong focus on CER statements • Additional activities outside of the journal if applicable – examples: <ul style="list-style-type: none"> ○ “Wolf Research Notebook” in the Unit: Where are the Wolves? (3rd grade) ○ “Summary Chart” in the Unit: A Walk in the Park (4th grade) ○ “Deer Diary” in the Unit: Deer, Deer Everywhere (5th grade) ○ Exit slips, peer/self-evaluations, quizzes, vocabulary activities as included in the BOCES units or created by the teacher
Unit Performance Task/Assessment	<p>3rd Grade</p> <ul style="list-style-type: none"> • Where are the Wolves? CER Statement (last lesson) • Investigating Weather and Climate: Travel Destination Project/Presentation • Generations of Butterflies: Summative Assessment (found on BOCES4Science website) • Invisible Forces: Rube Goldberg Machine Performance Task <p>4th Grade</p> <ul style="list-style-type: none"> • Earth Processes: Final Project/Design Solution (lessons 12 and 13) • Riding the Waves: Mystery Breakout Box Task (last lesson) and Summative Assessment (found on BOCES4Science website) • A Walk in the Park: Scenario Essay • Powering Thru the Fair: Exhibit Hall Performance Task <p>5th Grade</p> <ul style="list-style-type: none"> • Deer, Deer Everywhere: Public Service Announcement • Got Water: What’s in the Water Performance Task • Toys Matter: Master Materials Engineer “Exam” • Earth and Space Explorers: Lunar Landing Design Challenge