

## 2018-19 Adjustments for DPAS II Science Measures B and C

The transition from previous Delaware Science content standards to the Next Generation Science Standards (NGSS) has led to the decision to remove certain curricular units from the Delaware Science Coalition materials rotation. For instance, in Kindergarten, the Wood and Paper unit is no longer provided for teachers as part of the coalition curriculum, and in grade three Human Body is no longer provided.

The content shifts in some grades have caused a few DPAS II Measure B assessments to be out of alignment. In 2017-18, the Department of Education worked with science educators to craft new items aligned to the Next Generation Science Standards for use on Measure B assessments. **For the 2018-19 school year, new Measure B assessments are available in the following science areas: Grade 6, Grade 7, Grade 8, Grade 9, Biology, and Chemistry.** The pre-assessments for these subject areas will be available by the end of September, with post-assessments being available by the end of November. The Department plans to release revised Measure B assessments for other grades and science subject areas in the 2019-20 school year.

Measure C growth goals for the 2018-19 school year remain the same, with changes anticipated to more closely align with the Next Generation Science Standards in 2019-20.

Given the timeline of assessment release in the elementary grade levels, a temporary ONE YEAR (2018-19) adjustment to the process is being offered. Grade levels that are affected by altered curriculum scopes in science include: Kindergarten, 1<sup>st</sup> grade, 3<sup>rd</sup> grade, 4<sup>th</sup> grade, and 5<sup>th</sup> grade. **For elementary teachers (KG-5) the primary solution is to NOT USE SCIENCE as the measure B focus for 2018-19.** However, should the use of a Measure B assessment in these grade levels be necessary, teachers should use their measure B assessments as evidence for a measure C growth goal. This assessment should be modified to NOT SCORE the items listed in the table below. Teachers should use the following growth goal stem:

\_\_\_\_\_ % of students will demonstrate \_\_\_\_\_ % growth between the 2018-19 modified version of the measure B pre-test and the 2018-19 modified version of the measure B post-test aligned with the Delaware Science Content standards and the disciplinary core ideas of the grade \_\_\_\_\_ Next Generation Science Standards.

The following table outlines which items should be disregarded from each elementary assessment score:

Grade	Items to Skip on Pre-Test	Items to Skip on Post-Test
Kindergarten	3, 4, 6	3, 4, 6
Grade 1	2, 4, 8, 10, 12	1, 6, 8, 10, 12
Grade 3	1, 4, 8, 10, 12, 16	1, 4, 6, 10, 12, 16
Grade 4	3, 4, 5, 6, 18	3, 4, 5, 6, 18
Grade 5	7, 8, 9, 14, 16	7, 8, 9, 14, 16

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