

BREAKING DOWN THE EVIDENCE STATEMENTS Graphic Organizer

BREAKDOWN your standards

Step 1

Visit the Next Generation Science Standards website (<https://www.nextgenscience.org/>) to pull up the Evidence Statement for the standard or standards your unit, assessment, or curricular material will be addressing. Print your Evidence Statements.

Grab THREE highlighters for this task. Read through the entire Evidence Statement.

Step 2

With your first color, highlight the words that indicate what students will DO.

With your second color, highlight what students will know: facts, ideas, and vocabulary.

With your third color, highlight the “deeper thinking” components — what students will connect to the phenomenon, how they will use the model, the reasoning for the claim.

Step 3

Use what you have identified to complete the Evidence Statement Breakdown Organizer provided.

Add the relevant additional information, including ties to the Crosscutting Concepts and Nature of Science.

Record any additional notes, such as the content examples provided by the NGSS, information on assessment boundaries, and your own bright ideas!

SUGGESTIONS:

The Next Generation Science Standards were designed to be integrated into cohesive storylines that address several standards at once — called bundling. That said, as you transition to designing NGSS-aligned units, materials, and assessments, you may find yourself overwhelmed trying to combine too many Performance Expectations at once. So if combining even two Performance Expectations and their Evidence Statements into one instructional sequence seems overwhelming, just focus on one Performance Expectation at a time and attempt to tie them together sequentially through the unit. However, if you are up for a challenge, you may want to try integrating two Performance Expectations into one instructional sequence. To begin this process, compile all of the relevant information from both Evidence Statements onto the organizer on the next page. (HINT: Use a different colored pen for each Performance Expectation to easily see which concepts are addressed in which standard.) Then, utilize this organizer to develop a storyline that weaves all of the content and skills together — essentially addressing both standards at once.

Evidence Statement Breakdown Organizer

STANDARD(S):

WHAT STUDENTS WILL DO

WHAT STUDENTS WILL KNOW (FACTS, IDEAS, ETC)

VOCABULARY

DEEPER THINKING: CONNECTING, REASONING, USING THE MODEL, ETC.

CROSSCUTTING CONCEPTS & NATURE OF SCIENCE

NOTES

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NOTES