



Phenomenon Task and Assessment Video Resource Sheet

1. [Using Phenomena in GSE](#)
What are phenomena and why are they such a big deal? This resource explores why phenomena are so important to science teaching as well as the effective use inside of a lesson.
2. [Georgia Science Teachers Association Phenomenon Bank](#)
One of the top requests from teachers as they implement the science GSE has been for a bank of phenomena ideas aligned to the standards. So, we are building such a collection.
3. [Science and Engineering Practices for GSE Science](#)
This resource discusses each of the eight science and engineering practices in detail and offers grade band progressions for what students should be able to do concerning each practice.
4. [Crosscutting Concepts for GSE Science](#)
This resource discusses the utility of crosscutting concepts in science instruction. Each of the seven crosscutting concepts are described as well as grade band progressions.
5. [Marathon Runner: 7th Grade Resources](#)
Phenomenon task and student sheets from example in video.
6. [GSE Planning Cards: Science and Engineering Practices and Crosscutting Concepts](#)
How does a science and engineering practice or crosscutting concept impact instruction? How can students use these dimensions in the classroom? Use these cards with instructional planning or put them in students' hands for support as they engage in all three dimensions of the Georgia Standards of Excellence!
7. [Graphic Organizers for Science and Engineering Practices and Crosscutting Concepts](#)
Start with a phenomenon and then what? Use these graphic organizers to support student learning as they figure out a phenomenon. The organizers are posted under Creative Commons 4.0 and editable at <https://thewonderofscience.com/documents>
8. [Phenomenon Task Template and Example](#)
Template sheet to build task.



9. [Self-Evaluation and Reflection Checklists](#)
These checklists are designed to allow students to self-assess their understanding. The checklists use student friendly science language that aligns with the Georgia Standards of Excellence for the different grade levels.
10. [STEM Teaching Tool 30: Integrating Science Practices Into Assessment Tasks](#)
This detailed and flexible tool suggests activity formats to help teachers create three-dimensional assessments based on real-world science and engineering practices.
11. [STEM Teaching Tool 41: Prompts for Integrating Crosscutting Concepts Into Assessment and Instruction](#)
This set of prompts is intended to help teachers elicit student understanding of crosscutting concepts in the context of investigating phenomena or solving problems.
12. [Phenomenon Task Assessment Design Template and Example](#)