Meet the New GaDOE Science Team Member

We are excited to announce our new team member, Judie Beccaro! She will serve in the Content Integration & Special Education Specialist position. Judie brings a passion for students and science to the team. In this position, Judie will design professional learning and resource development to support teachers in providing effective science instruction to all students. Join us in welcoming Judie!

From Judie:

My name is Judie Beccaro. For the last 27 years, I have dedicated myself to educating children in Georgia. I was a special education teacher for 11 years, a regular education teacher for 13 years, and a district elementary science coach for three years.

I am a graduate of the University of Georgia and earned my master's degree from the University of West Georgia. My love of science started because of my students' enthusiasm for the subject. Many of my students struggled in other academic areas but excelled in science, which led me to earn my science and math endorsements to improve my teaching of those subjects. I am excited to be joining the Georgia Department of Education's Science Department as the Content Integration & Special Education Specialist in Science.

I look forward to connecting and collaborating with other teachers across the state of Georgia!

Professional Learning Opportunities

Check out professional learning opportunities from the Georgia Department of Education Science Team in the professional learning events catalog. The catalog is now housed in GaDOE Community and contains registration information for upcoming virtual and in-person webinars, workshops, and conferences. It also includes links to pre-recorded webinars that are available on demand.
All About Instruction

The design of the following interactive graphics aims to help support teachers while planning for the teaching and learning of multilingual learners.

- [Modes of Communication & 3D Science Interactive Graphic](#).
- [Best Practices for Teaching Science to Multilingual Learners Interactive Graphic](#).

Another instructional resource in development for each grade level from K-8, and some high school courses, is [Visualizing the Language for Science](#).

- [Visualizing the Language for Science—Kindergarten](#) is available to view ([editable version](#)).

Upcoming Projects

The GaDOE Science Team is working with educators across our state on several projects that we expect to publish in the fall. A list of in-progress projects with descriptions follows.

**Additional Frameworks**

We are working on adding frameworks for high school courses with high enrollment across the state. These courses include Human Anatomy, Forensics, Oceanography, and Zoology. The frameworks include a curriculum map, example instructional segments, and pacing guides.

**Phenomena Tasks**

The phenomena tasks are for grades K-8, Biology, Chemistry, Environmental Science, Earth Systems, Physical Science, and Physics. These tasks will focus on phenomena and the activities that can assist students in “figuring out” the phenomena. These tasks are short activities, lasting a day or two, that will engage students with the content, SEP, and CCC.

**Formative Assessment Tasks**

The formative assessment tasks are for grades K-8, Biology, Chemistry, Earth Systems, Physical Science, and Physics. The basis of each lesson is a phenomenon and 3-dimensional. Each task will ask students to engage with the SEPs, content, and CCC to explain the phenomena listed in the assessment.

**Self-Evaluation Checklists**

The self-evaluation checklists are for K-8, Biology, Chemistry, Earth Systems, Environmental Science, Physical Science, and Physics. GSE science standards are the basis for the checklists. They are written in student-friendly language to assist students in evaluating their learning.

**Teacher Notes**

The teacher notes will be available for K-8, Biology, Chemistry, Physical Science, and Physics. The design of the teacher notes provides background information that will assist teachers with new or unfamiliar content.
High School Updates

GaDOE updated the Fourth Science Options (2021-2022) document to reflect new courses that count toward science graduation requirements. Students must consider the Georgia Board of Regents does not recognize all science electives as part of their Required High School Curriculum.

For more on the science graduation requirements, see the graduation policy. In addition, you can find more information about the Board of Regents curriculum here.

Staff Picks—Some of Our Favorite Things

Here are a few things we suggest you check out this season.

KEITH
Have you had a chance to check out the resources on the Georgia Home Classroom? This platform is a partnership between Georgia Public Broadcasting and GaDOE. Here, you can find Digital Learning Plans, Model Lesson Videos, Getting Ready Guides, Classroom Conversation Podcasts, and more!

LAURA
Visit WIDA's self-paced eWorkshops! If you are wondering how to begin content-language integration in your classroom, complete the Engaging Multilingual Learners in Science: Making Sense of Phenomena eWorkshop. You will gain access to strategies and resources, including a downloadable PDF about Considerations for Selecting Phenomena.

RENEE
Need new phenomena? Check out the GSTA phenomena bank. These phenomena are created and submitted by science teachers across Georgia, and they align with GSE science standards. The bank is searchable by standard and element to find a phenomenon that fits each standard. Also, if you have phenomena you love, want to share with other teachers, and help engage students with science, feel free to submit to the GSTA phenomena bank. Use the submit tab in the GSE dropdown menu or use this link.

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