

# Mathematics

The Alabama State Department of Education is excited to offer targeted professional development and training designed specifically for mathematics educators who support students with disabilities from kindergarten through eighth grade.



## Training For K-8 Mathematics Teachers Who Support Students With Disabilities

In partnership with ALSDE-SES, Public Consulting Group (PCG) is offering online training courses for all special education educators and K-8 general education mathematics teachers who serve students with disabilities across the state. These asynchronous online training courses ensure all mathematics educators in Alabama are prepared to meet the changing needs of students.

This program connects the Eight Effective Mathematics Teaching Practices and the High Leverage Practices to inform and implement specially designed instruction. Educators will have opportunities to explore evidence-based strategies and mathematical content throughout these professional learning experiences. Accessible through Schoology, the program is delivered through eight separate learning modules. Each learning module can be completed in approximately one hour.



| <u>Course Title</u>   | <u>Course Code</u> | <u>Registration Link</u>          |
|---|--------------------|-----------------------------------|
| SES-PCG Online Learning Series: Eight Effective Mathematics Teaching Practices for Teachers of Grades K-8 | 306503             | <a href="#">Click to Register</a> |
| Module 1: Establish mathematics goals to focus learning   | 475828             | <a href="#">Click to Register</a> |
| Module 2: Implement tasks that promote reasoning and problem solving                                      | 475829             | <a href="#">Click to Register</a> |
| Module 3: Use and connect mathematical representations  | 475830             | <a href="#">Click to Register</a> |
| Module 4: Facilitate meaningful mathematical discourse  | 475831             | <a href="#">Click to Register</a> |
| Module 5: Pose purposeful questions   | 475832             | <a href="#">Click to Register</a> |
| Module 6: Build procedural fluency from conceptual understanding  | 475833             | <a href="#">Click to Register</a> |
| Module 7: Support productive struggle in learning mathematics   | 475834             | <a href="#">Click to Register</a> |
| Module 8: Elicit and use evidence of student thinking   | 475835             | <a href="#">Click to Register</a> |