Training for the New Georgia Performance Standards
Days 4 and 5: Making Instructional Decisions

Participant’s Guide
ELA 9-12
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Acknowledgements

This training program was developed by the Georgia Department of Education as part of a series of professional development opportunities to help teachers increase student achievement through the use of the Georgia Performance Standards.

For more information on this or other GPS training modules, please contact Robin Gower at (404) 463-1933 or rogower@doe.k12.ga.us.

Use of This Guide

The module materials, including a Leader’s Guide, Participant’s Guide, PowerPoint Presentation, and supplementary materials, are available to designated trainers throughout the state of Georgia who have successfully completed a Train-the-Trainer course offered through the Georgia Department of Education.
This is a two-day course, with approximately 11 hours of instructional time.

Prior Preparation—Participants

- Unpack several standards to create Stages One and Two for a unit of study

Introduction to Stage Three ................................................................. 2 hours

- Quotation Hook
- Review of Stages One and Two
- Overview of the Training
- Preview of Stage Three
- Matching Strategies to Achievement Targets

Designing an Instructional Unit..................................................................................... 8 hours

- Hook Activity
- Evaluating an Instructional Plan
- Selecting Appropriate and Balanced Instructional Strategies for a Unit

Examining Student Work................................................................................................ 30 minutes

- Collaborating to Improve the Quality of Student Work
- Developing Useful Teacher Commentary

Curriculum Mapping............................................................................................... 15 minutes

- Basic Principles of Curriculum Mapping
- Creating a Sample Map
Module Goal

Demonstrate a deep understanding of the new Georgia Performance Standards and the standards-based education approach, through thoughtful curriculum planning, development of formative and summative assessments, and the design of instruction matched to the standards and research-based best practices. This shall be measured by student performance on progress monitoring and standardized criterion-referenced tests.

Key words from the goal:
- Deep understanding
- Georgia Performance Standards (GPS)
- Standards-based education
- Research-based best practices

Note that the goal will not be reached by any single day of training. It will take preparation, follow up, and eight days of classroom instruction to master this goal.

Module Objectives

By the end of Day 5 of training, participants will be able to:

1. Explain why instructional decision-making is stage three in the standards-based education process

2. Describe the WHERETO method of identifying the purpose of instructional strategies.

3. Identify a variety of instructional strategies for different achievement targets.

4. Evaluate a unit plan, focusing on the instructional plan detailed on the unit calendar, and develop a balanced plan for instruction, one that includes strategies appropriate to achievement targets and content.

5. Describe how to use a structured, collaborative process for examining student work.

6. Demonstrate how to use teacher commentary to increase student learning.

7. Explain different ways of curriculum mapping.
GPS and the Standards-Based Education Process

Stage 1
Identify Desired Results
(Big Ideas) → Enduring Understandings → Essential Questions →
Skills and Knowledge

Stage 2
Determine Acceptable Evidence
(Design Balanced Assessments)
(To assess student progress toward desired results)

Stage 3
Make Instructional Decisions
(to support student success on assessments, leading to desired results)
# Teaching for Breadth and Depth

<table>
<thead>
<tr>
<th>For Depth</th>
<th>Breadth</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unearth it</strong></td>
<td><strong>Connect it</strong></td>
</tr>
<tr>
<td>➢ Make assumptions explicit</td>
<td>➢ Link discrete and diverse ideas, facts, and experiences</td>
</tr>
<tr>
<td>➢ Clarify points of view</td>
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</tr>
<tr>
<td>➢ Bring light to the subtle, the misunderstood, the not obvious, the controversial, the obscure, the problematic, the missing, and the lost</td>
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<tr>
<td>➢ Analyze it</td>
<td><strong>Picture it</strong></td>
</tr>
<tr>
<td>➢ Separate into parts</td>
<td>➢ Make concrete and simple</td>
</tr>
<tr>
<td>➢ Inspect and examine</td>
<td>➢ Represent or model in different ways</td>
</tr>
<tr>
<td>➢ Dissect, refine, and qualify</td>
<td><strong>Extend it</strong></td>
</tr>
<tr>
<td>➢ Question</td>
<td>➢ Go beyond the given to implications</td>
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<tr>
<td>➢ Test</td>
<td>➢ Imagine “what if?”</td>
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<td>➢ Challenge</td>
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<td>➢ Doubt</td>
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<tr>
<td>➢ Critique</td>
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<tr>
<td><strong>Prove it</strong></td>
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<tr>
<td>➢ Argue</td>
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<tr>
<td>➢ Support</td>
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<tr>
<td>➢ Verify</td>
<td></td>
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<tr>
<td>➢ Justify</td>
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<tr>
<td></td>
<td><strong>Generalize it</strong></td>
</tr>
<tr>
<td>➢ Subsume specifics under a more encompassing idea</td>
<td>➢ Compare and contrast</td>
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</table>

# General Categories of Instructional Strategies

**Direct Instruction**: Instructional strategies that involve a high degree of teacher control.

<table>
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<tr>
<th>Compare &amp; Contrast</th>
<th>Explicit Teaching</th>
<th>Reinforcing Effort &amp; Providing Recognition*</th>
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</thead>
<tbody>
<tr>
<td>Cues, Questions, &amp; Advance Organizers*</td>
<td>Graphic Organizers</td>
<td>Setting Objectives &amp; Providing Feedback*</td>
</tr>
<tr>
<td>Demonstrations</td>
<td>Guides for Reading, Listening, Viewing</td>
<td>Summarizing &amp; Note Taking*</td>
</tr>
<tr>
<td>Didactic Questions</td>
<td>Identifying Similarities and Differences*</td>
<td>Structured Overview</td>
</tr>
<tr>
<td>Drill and Practice</td>
<td>Mastery Lecture</td>
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**Experiential Learning**: Instructional strategies where students learn by doing or experiencing authentic or simulated situations.

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<thead>
<tr>
<th>Conducting Experiments</th>
<th>Model Building</th>
<th>Role Playing</th>
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<tbody>
<tr>
<td>Field Observations</td>
<td>Surveys</td>
<td>Games</td>
</tr>
<tr>
<td>Field Trips</td>
<td>Modeling</td>
<td>Simulations</td>
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<tr>
<td></td>
<td>Nonlinguistic Representations*</td>
<td>Synectics</td>
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</table>

**Independent Learning**: Instructional strategies during which students work independently, sometimes at their own rate, on self-selected assignments or topics.

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<tr>
<th>Assigned Questions</th>
<th>Graphic Organizers</th>
<th>Learning Contracts</th>
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<tbody>
<tr>
<td>Computer Assisted Instruction</td>
<td>Learning Activity Package*</td>
<td>Reports</td>
</tr>
<tr>
<td>Correspondence Lessons</td>
<td>Learning Centers</td>
<td>Research Projects</td>
</tr>
<tr>
<td>Essays</td>
<td></td>
<td>Summarizing and Note Taking*</td>
</tr>
</tbody>
</table>

**Indirect Instruction**: Instructional strategies where the teacher establishes the learning situation or task, but the students determine the direction and/or solution.

<table>
<thead>
<tr>
<th>Case Studies</th>
<th>Cloze Procedures</th>
<th>Problem Solving</th>
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<tbody>
<tr>
<td>Concept Attainment</td>
<td>Generating &amp; Testing</td>
<td>Reading for Meaning</td>
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<tr>
<td>Concept Formation</td>
<td>Hypotheses*</td>
<td>Reciprocal Teaching</td>
</tr>
<tr>
<td>Concept Mapping</td>
<td>Graphic Organizers</td>
<td>Reflective Discussion</td>
</tr>
<tr>
<td></td>
<td>Inquiry</td>
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</tr>
</tbody>
</table>

**Interactive Instruction**: Instructional strategies that involve students working with other students and/or the teacher to move toward the learning goals.

<table>
<thead>
<tr>
<th>Brainstorming</th>
<th>Interviewing</th>
<th>Problem Solving</th>
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</thead>
<tbody>
<tr>
<td>Circle of Knowledge</td>
<td>Laboratory Groups</td>
<td>Role Playing</td>
</tr>
<tr>
<td>Cooperative Learning*</td>
<td>Panels</td>
<td>Socratic Seminars</td>
</tr>
<tr>
<td>Debates</td>
<td>Peer Practice</td>
<td>Tutorial Groups</td>
</tr>
</tbody>
</table>

* Marzano, Pickering, and Pollock note that incorporating these nine strategies into instruction can improve student achievement across all content areas and grade levels. [http://www.learn-line.nrw.de/angebote/greenline/lernen/downloads/nine.pdf](http://www.learn-line.nrw.de/angebote/greenline/lernen/downloads/nine.pdf)
### Matching Instructional Formats to Achievement Targets

<table>
<thead>
<tr>
<th>Direct Instruction</th>
<th>Experiential Learning</th>
<th>Independent Learning</th>
<th>Indirect Instruction</th>
<th>Interactive Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Knowledge/Information</strong></td>
<td>Strategies such as direct instruction, graphic organizers, structured overview, etc., can convey facts or information to students.</td>
<td>Experiential strategies may be structured to allow students to arrive, inductively or deductively, at rules or principles.</td>
<td>Strategies such as assigned questions, learning activity packages or centers, reports, or research projects allow students to obtain facts, etc.</td>
<td>Strategies such as discussion, interviewing, or tutorial groups can provide students with information or help them to review rules, etc.</td>
</tr>
<tr>
<td><strong>Skills/Processes</strong></td>
<td>Modeling can introduce or demonstrate skills or processes, but other, more student-directed strategies are needed as well.</td>
<td>Modeling, games, conducting experiments, etc., can introduce skills/processes or provide practice.</td>
<td>Essays, learning activity packages or centers, or research projects, etc., can provide opportunities for application or practice.</td>
<td>Cooperative learning groups, debates, role playing, or laboratory groups, etc., work well.</td>
</tr>
<tr>
<td><strong>Thinking &amp; Reasoning</strong></td>
<td>Modeling can introduce or demonstrate thinking and reasoning processes, but other, more student-directed strategies are needed as well.</td>
<td>Most experiential strategies work well here, especially roll playing, games, experiments, and simulations.</td>
<td>Some, such as certain essay topics, learning activity packages or centers, or research projects, work better than others.</td>
<td>Most interactive instructional strategies work with these targets, but especially problem solving and Socratic Seminars.</td>
</tr>
<tr>
<td><strong>Communication</strong></td>
<td>Not the best strategies for providing students with opportunities to acquire or practice communication skills.</td>
<td>Good when oral, written, or other forms of expression are included, such as reporting field observations, role playing, or simulations.</td>
<td>Again, essays or other strategies that involve oral, written, or other forms of expression can provide the opportunity to learn communication skills.</td>
<td>Reciprocal teaching, reflective discussion, or other strategies that involve oral, written, or other forms or expression work well.</td>
</tr>
</tbody>
</table>
Unit Design *(based on 8 units/year, 4/semester in a 2 semester course)*

<table>
<thead>
<tr>
<th>Unit Title</th>
<th>Somewhere Under the Rainbow—The Romantic Period in British Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course/Grade Level</td>
<td>British Literature/12&lt;sup&gt;th&lt;/sup&gt; Grade</td>
</tr>
<tr>
<td>Subject/Topic Areas</td>
<td>British literature written between 1785 and 1837 (approximately), textual evidence, author’s techniques, British Romanticism, genre, style, theme/underlying meaning, literary criticism, nonprint texts, and expository writing</td>
</tr>
<tr>
<td>Designed by</td>
<td>Cynde Snider</td>
</tr>
<tr>
<td>Time frame</td>
<td>5 weeks</td>
</tr>
<tr>
<td>District/School</td>
<td></td>
</tr>
<tr>
<td>Brief Summary of Unit</td>
<td>In this, the sixth of eight units taught in 12&lt;sup&gt;th&lt;/sup&gt; grade British literature, students will learn about the characteristics of texts written/created during the period commonly referred to as British Romanticism. They will compare and contrast texts from this period to texts from other, earlier time periods; and they will read, reflect on, and analyze nonprint texts, poems, <em>Frankenstein</em> by Mary Shelley, critical essays, and nonliterary historical texts/documents from the Romantic Period in order to evaluate the connections between the social, political, and economic events in Britain before and during the Romantic Period and the texts written/created during that time period. Students will simulate a trial of Victor Frankenstein in order to apply their knowledge of the novel and of the contemporary context of that novel (social, political, and economic factors). They will apply criteria established as characteristic of Romantic literature in order to classify texts as exhibiting/not exhibiting Romantic characteristics. In the culminating performance task, students will create 2-3 well-crafted poems, a children’s story, or a work of two- or three-dimensional art to exhibit in a Museum of Romantic Ideals. In addition, the students will compose a two-page expository essay to accompany their artifact. In this essay students will demonstrate their understanding of Romanticism by analyzing the Romantic characteristics embodied in their artifacts. Students will orally explain their artifacts to visitors at a gallery opening for the museum.</td>
</tr>
</tbody>
</table>
Stage 1: Unpacking the Standards

ELABLRL1-5, ELABLRC1-4, ELA12W1-3, ELA12C1, ELA12LSV1-2

Big Ideas: textual evidence, authors’ techniques, British Romanticism, genre, style, theme/underlying meaning, contemporary context, literary criticism, nonprint text, expository writing

To meet the standard, students will understand that...

- Texts are both a reflection of and a contributor to cultural and societal values of the time in which they are written/created.
- Texts from a particular literary period exhibit commonalities in structure, content, and/or underlying meaning.
- Warranted interpretations must be supported by textual evidence.
- Texts allow for more than one warranted interpretation.

To understand, students will need to consider such questions as

Unit: How do we determine whether a text is representative of British Romanticism? How are British Romantic texts similar to/different from texts written/created earlier? Why is it important to examine commonalities in texts from the Romantic Period? How are the social, political, and economic events of the time reflected in texts from the British Romantic period?

Know....

- Characteristics of texts from earlier literary periods
- Relevant literary terminology
- Social, political, and economic factors affecting Britain before and during the Romantic Period
- Process of close reading
- Process for determining and supporting themes, underlying meanings
- Format/structure of expository essay

Be able to......

- Compare and contrast Romantic texts and texts from earlier periods
- Analyze various texts and support warranted interpretations with textual evidence
- Synthesize information from a number of sources in order to evaluate the connections between the social, political, and economic events in Britain before and during the Romantic Period and the texts, written/created during that period
- Classify texts as exhibiting/not exhibiting Romantic characteristics
- Explain how specific texts represent a Romantic ideology
Stage 2: Determining Acceptable Evidence

What evidence will show that students understand?

Performance Tasks:
The Trial of Victor Frankenstein—Students will research and adopt assigned roles in order to try Victor Frankenstein for crimes against both man and nature (particular to the social, political, and economic characteristics of the time period). Once a verdict has been reached, students will debrief the simulation and extrapolate the process as well as the outcome in order to discern whether the same verdict would be rendered by a jury today.

The Museum of Romantic Ideals—Each student will create 2-3 well-crafted poems, a children’s story, or a work of two- or three-dimensional art to exhibit in a Museum of Romantic Ideals. Each student will compose a two-page expository essay to accompany his/her artifact in the museum display. In this essay the student will demonstrate understanding of Romanticism by explaining how the created artifact(s) represent the characteristics of Romanticism. Each student will orally explain his/her artifact at the gallery opening.

Other evidence (quizzes, tests, prompts, observations, dialogues, work samples):

Quizzes: Regular constructed response reading checks over Frankenstein
Selected response questions on previously unread poems or passages to check understanding of literary terminology, authors’ rhetorical strategies and their effects, and the characteristics of Romanticism

Observation: Informal assessment of small group discussions of specific poems or nonprint texts
Informal assessment of students applying research skills in media center
Informal assessment of completion of graphic organizers and split notes journals
Informal assessment of students’ rapid review responses
Informal assessment of students’ oral explanations at gallery opening
Dialogue: Identify similarities and differences between earlier texts and texts written during the Romantic Period
Read and formulate questions about *Frankenstein*
Apply characteristics of Romantic and Classical texts to classification of new texts
Discuss connections between nonliterary documents and literary texts
Explore the culture-bearing role of literature
Connect individually selected passages from *Frankenstein* and nonliterary documents
Conference regarding museum artifact
Discuss lessons from Romantic texts for today's world

Prompt: Read the attached poem/passage and nonliterary documents from the Romantic Period and use these resources to support, refute, or qualify the following statement: Literary texts are products of the times in which they are written.

Skill Check: Close read poems or passages, employing graphic organizer to analyze and/or evaluate

**Students Self-Assessment and Reflection:**

Self-assess the museum artifact and the accompanying expository essay

Self-assess comprehension of *Frankenstein* via split notes journal

Reflect on motifs in *Frankenstein* via split notes journal

Reflect on their roles as inhabitants and/or stewards of the natural world

Reflect on their opinions about the ethical responsibilities of science and/or scientists
Performance Task Blueprint for Trial Simulation

What understandings and goals will be assessed through this task?

- Texts are both a reflection of and a contributor to cultural and societal values of the time in which they are written/created.
- Warranted interpretations must be supported by textual evidence.
- Texts allow for more than one warranted interpretation.

What criteria are implied in the standards and understanding regardless of the task specifics? What qualities must student work demonstrate to signify that standards were met?

- Author’s rhetorical strategies
- Character development
- Social, political, and economic values of Romantic Era
- Valid, verifiable textual evidence
- Warranted interpretation of evidence
- Culture-bearing texts

Through what authentic performance task will students demonstrate understanding?

Task Overview: Since the ending of Frankenstein remains somewhat ambiguous, the editors at Random House have asked us to resolve the matter of Victor Frankenstein’s guilt or innocence once and for all. Therefore, you will act as judges, jury members, prosecution and defense attorneys, defendant, accusers, witnesses, and members of the media in order to simulate the trial of Victor Frankenstein for crimes against man and nature. I have asked Steven Snider, Attorney at Law, to speak to you regarding these roles and responsibilities. Once you understand your roles and responsibilities, your goal will be to work collaboratively to prepare your case for trial or, if you are the judge, jury, or media member, to research the social, political, and economic values operating during the Romantic Era that might influence any decisions or judgments you might be called on to make. Use clear, concise note taking to record your case preparation or research information so that your information/evidence can be verified. Once a verdict has been reached, students will debrief the simulation and extrapolate the process as well as the outcome in order to discern whether the same verdict would be rendered by a jury today. Be prepared to begin this trial on 13 March.

What student products and performances will provide evidence of desired understandings?

- Performance in simulated trial
- Student notebook
- Contribution to debriefing and extrapolating discussion

By what criteria will student products and performances be evaluated?

- Evidence presented verifiable (in novel or informational texts)
- Judgment supported by valid reasoning process (warranted interpretation of the evidence)
- Role play consistent and appropriate to assigned responsibilities
- Contributions to debriefing discussion appropriate and insightful
Performance Task Blueprint for Museum of Romantic Ideals

What understandings and goals will be assessed through this task?

- Texts from a particular literary period exhibit commonalities in structure, content, and/or underlying meaning.

What criteria are implied in the standards and understanding regardless of the task specifics? What qualities must student work demonstrate to signify that standards were met?

- Genre characteristics (poetry, children’s fiction)
- Commonalities found in Romantic texts (structure, content, and/or underlying meaning)
- Romantic ideals
- Format/structure of informal expository essay

Through what authentic performance task will students demonstrate understanding?

Task Overview: In order to make the best use of her space, our media specialist would like to display different attractive and informative exhibits each month. Since we have been learning about British Romanticism, she has asked us to take the lead and develop a Museum of Romantic Ideals to install in mid-March. Each of you will create an artifact or artifacts, along with accompanying commentary, to display in the museum. You may choose to craft 2-3 poems or a children’s story with appropriate illustrations, or to create a work of two- or three-dimensional art (a painting, sculpture, mobile, etc.) to exhibit. The accompanying commentary should consist of a word processed, two-page, expository essay written for students at _____ high school who are not familiar with the Romantic Period in Britain. Your commentary should explain how the ideals of the Romantic Era are represented in the artifact(s) you have created.

What student products and performances will provide evidence of desired understandings?

- Created artifact(s)
- Expository essay (commentary)
- Oral explanation

By what criteria will student products and performances be evaluated?

- Artifact embodies at least five characteristics representative of British Romantic texts
- Structure and content of commentary is appropriate for intended purpose and audience
- Commentary clearly and concisely explains the characteristics of Romanticism embodied in the artifact
- Content and structure of oral explanation of artifact appropriate for intended purpose and audience
- Essay correctly employs conventions of Standard English
### Sample Contrast Chart

<table>
<thead>
<tr>
<th>Classical (access prior knowledge)</th>
<th>Romantic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific explanations</td>
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<tr>
<td>Relies on reason</td>
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<tr>
<td>Presents logical arguments</td>
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<tr>
<td>Formal, traditional structure</td>
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<tr>
<td>Control of literary elements</td>
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<td>Man superior to nature</td>
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<tr>
<td>Man is the center of the universe</td>
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<tr>
<td>Man uses intellect to control nature</td>
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<tr>
<td>Mon</td>
<td>Tue</td>
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<tr>
<td><strong>6</strong></td>
<td><strong>7</strong></td>
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<tr>
<td>-Begin synectic hook activity. -Preview essential questions and key vocabulary, along with unit calendar and expectations. -Inform students that some of the fictional characters from the hook activity might be considered Classical in nature, while others would be considered Romantic in nature. -Ask students to predict which category their character fits. -Indicate that we will check their predictions later in the week.</td>
<td>-Access prior knowledge from earlier time periods to list characteristics of those texts. -Complete 1st column on contrast chart of Classical and Romantic characteristics. -Project various rainbow paintings [nonlinguistic texts] and ask students to examine and record details and reactions. -Jot list responses on board. -Ask students to reflect on the first time they saw a rainbow. -Note responses and transfer key words from both response lists to 2nd column of contrast chart. -For homework, ask students to hypothesize a definition of Romanticism from what they have seen so far.</td>
</tr>
<tr>
<td>MLK Holiday</td>
<td>Winter Break</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
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<tr>
<td>-Return and discuss responses to prompt. -Jigsaw poetry discussions using graphic organizers to skill check close reading process.</td>
<td>-Jot list responses on board. -Ask students to reflect on the first time they saw a rainbow. -Note responses and transfer key words from both response lists to 2nd column of contrast chart. -For homework, ask students to hypothesize a definition of Romanticism from what they have seen so far.</td>
</tr>
<tr>
<td>Mon</td>
<td>Tue</td>
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<tr>
<td>[pp. 175-191]</td>
<td>[pp. 192-213]</td>
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<tr>
<td>- Reading check quiz.</td>
<td>- Rapid, Random Ramblings to Wrap-up: draw topics from hat and respond orally.</td>
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<td>- Focused reading/discussion groups (inquiry).</td>
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<td>- Meet briefly with small groups to preview simulation and assign roles.</td>
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<td>-Simulation: The Trial of Victor Frankenstein.</td>
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Sample Supplementary Materials

Introduction to the Romantic Period in British Literature—1798-1837

Essential Questions:
- How do we determine whether a text is representative of British Romanticism?
- How are British Romantic texts similar to/different from texts written/created earlier?
- Why is it important to examine commonalities in texts from the Romantic Period?
- How are the social, political, and economic events of the time reflected in texts from the British Romantic period?

Relevant Historical Events:
- 1789-1790—beginning of the French Revolution
- 1800—Napoleon conquers Italy
- 1814-1815—British burn Washington, D. C. during War of 1812
- 1818—Mary Shelley begins Frankenstein
- 1829—Catholic Emancipation Act in England
- 1831—Darwin set sail on the Beagle
- 1832—1st Reform Bill in England curtails political privilege of aristocracy

Relevant Content Terminology:
- imagination
democratization
- nature/naturalintuition
- civilizationspots of time
- primitivismepistolary novel
- Noble Savage

Some Important People:
- William Blake
- William Wordsworth
- Samuel Taylor Coleridge
- George Gordon, Lord Byron
- Percy Bysshe Shelley
- John Keats
- Mary Wollstonecraft Shelley
- J.M.W. Turner
- John Constable
Sample Supplementary Materials

Explanation of Focused Reading Groups. Focused reading groups involve strategies for improving students’ comprehension of difficult texts. When students begin reading a novel or other difficult text, they are assigned a particular topic, motif, pattern of imagery, etc., to pay particular attention to as they read. Students record instances of this topic, motif, pattern of imagery, etc., as they occur throughout the text. They then reflect on the topic, motif, pattern of imagery, etc., in terms of its meaning and/or significance. Small groups of students are assigned the same focus area, and these groups meet at specified times during the unit of instruction to discuss their topic, motif, pattern of imagery, etc., and its meaning, significance, or importance, and to formulate questions or work toward insightful contributions for larger group discussions. These smaller groups encourage more reluctant students to share in a less threatening environment, and they allow students the opportunity to try out and refine ideas, hypotheses, etc., with their peers.

Focused topics, motifs, or patterns of imagery, etc., provide students with achievable goals for their reading; consequently, they are more likely to read and comprehend. Focused reading groups allow students the opportunity to use inquiry learning to make meaning out of texts.

Some possible focus areas for Frankenstein might be: family relationships, friendship/companionship, education/learning, nature (natural landscapes)/civilization (cities, etc.) [this could be broken down into two], innocence/guilt.

Explanation of Split Notes Journal. Split notes journals help students comprehend difficult material and provide them with a vehicle for reflection. Students fold each page of a journal or notebook in half vertically. In the left column they record notes from their reading. These notes specifically include textual references to their focus for reading, but they may include other details from the text as well. After a day’s reading has been completed, students read through their notes in order to begin responding on the right side of the journal. The right side allows students to summarize main ideas that they see, reflect and respond to their reading, and formulate questions or hypotheses.

The split notes journals provide the stimulus for the focused reading groups. During the reading group sessions, students may add additional textual notes to the left side of the journal, and/or they may add additional comments, questions, or insights to the right side of the journal.

Explanation of Jigsaw Activity. Students work in small groups; the number of groups should be the same as the number of people in each group (or as close as possible). Each group receives the same graphic organizer to aid close reading, but each group receives a different poem. Allow the first half of the allotted activity time for the original groups to close read and analyze the poems. For the second half of the allotted time, rearrange groups so that there is
one person from each original group in each new group. For example, if you begin with five groups of five persons each (groups A, B, C, D, and E), students will move to five new groups and each new group will have one A, one B, one C, one D, and one E group member. In the new groups students share their close readings and compare and contrast their poems for theme/underlying meaning and specified literary devices such as allusions, figures of speech, sound devices, etc.

**Explanation of Pyramid Quiz.** This strategy begins with each student as one of the many blocks forming the base of the pyramid. As such, each student takes the selected response quiz individually. When individuals complete the quiz, they form the next layer of the pyramid (which has fewer blocks) by grouping themselves into dyads or triads. In these dyads or triads, they discuss and defend their individual answers. As a result of this discussion, individual students may elect to change their responses, or they may keep their first answers. Continue this strategy, moving up the pyramid where each layer will have fewer blocks (fewer groups with more students in each group) as many times as desired. Finish with one group of the whole. Each time, students may elect to change their answers. It is important that the teacher not contribute to these discussions at all. Students must determine the best answers without help. This strategy not only improves students’ reasoning skills, it also improves their test-taking strategies because they see how other students reason out their answers. By the top of the pyramid, students generally have most or all of the correct answers.

**Explanation of Rapid, Random Ramblings to Wrap-up.** This strategy provides a good review for a novel or unit as well as evidence of understanding. Create a number of short prompts equal to the number of students in the class plus 2-3 extra prompts. Place all the prompts in a hat. Pick one student to start. S/he pulls a prompt from the hat and immediately responds. Predetermine the amount of time allotted for each response, but schedule it so that everyone in the class will have the opportunity to respond during that period (usually about a minute). When the first person has responded, s/he calls on the next person, and so on. These prompts should be thought-provoking (as well as fun) rather than factoid. For example, “If Victor Frankenstein were an animal, he would be a(n) _________ because __________________.” OR “The course Victor’s creation would like to take at ________ HS would be _________ because __________________.” OR “A TV show [movie, etc.] popular today that exemplifies the Romantic Ideal is ___________ because________________.” “I’m more [Classical/Romantic] in nature because __________________.” Prompts should allow students to demonstrate understanding of character, etc.
Stage: 1: Unpacking the Standards

Big Ideas:

To meet the standard, students will understand that...

To understand, students will need to consider such questions as...

Unit:

To understand, students will need to...

Know... Be able to...
Stage 2: Determining Acceptable Evidence

What evidence will show that students understand?

Performance Tasks:

Other evidence (quizzes, tests, prompts, observations, dialogues, work samples):

Students Self-Assessment and Reflection:
<table>
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<th><strong>Performance Task Blueprint for ______________________</strong></th>
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<td><strong>What criteria are implied in the standards and understanding regardless of the task specifics?</strong></td>
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<td><strong>What qualities must student work demonstrate to signify that standards were met?</strong></td>
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<td><strong>What student products and performances will provide evidence of desired understandings?</strong></td>
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<td><strong>By what criteria will student products and performances be evaluated?</strong></td>
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The tuning protocol was originally developed as a means for the five high schools in the Coalition of Essential Schools Exhibitions Project to receive feedback and fine-tune their developing student assessment systems, including exhibitions, portfolios and design projects. Recognizing the complexities involved in developing new forms of assessment, the project staff developed a facilitated process to support teachers in sharing their students’ work and, with colleagues, reflecting upon the lessons that are embedded there. This collaborative reflection helps teachers design and refine their assessment systems, as well as support higher quality student performance. Since its trial run in 1992, the tuning protocol has been widely used and adapted for professional development purposes in and among schools across the country.

To take part in the tuning protocol, teachers bring samples of their students' work on paper and, whenever possible, on video, as well as some of the materials they have created to support student performance, such as assignment descriptions and scoring rubrics. Choose student work that can be viewed or read or listened to by all participants during the allotted presenter time. For written work, you should have a copy for all participants. This could include:

- Any written form (essay, creative writing, test, portfolio, etc.)
- A performance, interview, presentation, or demonstration on videotape or audio tape
- A piece of art in any form
- A multimedia presentation
- A display

In addition, you may choose to present:

- One piece from one student
- One piece from several students
- Multiple pieces from the same student
- Drafts of a single piece from a single student over time

In a circle of about 8 to 12 "critical friends" (usually other teachers), a facilitator guides the group through the process and keeps time. The presenting teacher, or team of teachers, describes the context for the student work (the task or project), uninterrupted by questions or comments from participants.

Usually, the presenting teacher begins with a focus question or area about which she would especially welcome feedback, such as, "Are you seeing evidence of persuasive writing in the student's work?" Participants have time to examine the student work and ask clarifying questions. Then, with the presenting teacher listening but silent, participants offer "warm" (positive and supportive) and "cool" (more critical and challenging) feedback. Teachers
sometimes frame their feedback as a question, for example, "How might the project be different if students chose their research topic?"

After this feedback is offered, the presenting teacher has the opportunity, again, uninterrupted, to reflect on the feedback and address any comments or questions she chooses. Time is reserved for debriefing the experience. Both presenting and participating teachers have found the tuning experience to be a powerful stimulus for encouraging reflection on their practice. A schedule for a tuning protocol appears on the following pages. The schedule can be revised to meet the needs of different groups of teachers.
### Tuning Protocol Steps

1. **Introduction (10 minutes)**
   - Facilitator briefly introduces protocol goals, guidelines and schedule.
   - Participants briefly introduce themselves (if necessary).

2. **Presentation (20 minutes)**
   - Teacher presents the assignment context (what the students tend to be like, where they are in school, where they are in the year), goals, samples, and assessment strategy.
   - Teacher-presenter poses a question for the group.
   - Participants are silent.

3. **Clarifying Questions (5 minutes max)**
   - Clarifying questions concern matters of fact ("How many students will you have in this class?", "What kind of prior experience in this subject can you count on?"). The facilitator judges which questions more properly belong in warm/cool feedback.

4. **Examination of Work (15 minutes)**
   - Participants look at the work, take notes on where it seems "in tune" with goals and where there might be problems, and (if appropriate, see feedback section) write down warm and cool feedback, as well as probing questions. Participants focus particularly on the presenter's question.

5. **Pause to Reflect on Warm and Cool Feedback (2 - 3 minutes max)**
   - Participants may take a couple of minutes to reflect on what they would like to contribute to the feedback session.

6. **Warm and Cool Feedback (15 minutes)**
   - Teacher-presenter remains silent.
   - Participants share feedback. They begin with ways in which the work seems to meet the goals, and continue with possible disconnections and problems. These don't need to be in tight sequence, but participants should always begin with some positive feedback.
   - Some groups prefer to structure the session by beginning with 5 minutes of "warm" or positive feedback ("What are the strengths here?"), followed by 5 minutes of "cool" or more critical feedback ("Where are the gaps?", "What are the problems here?"), and ending with 5 minutes of "probing" or reflective questions for the presenting teachers to consider.
   - The facilitator may need to remind the participants of the presenter's focusing question.

7. **Reflection (5 minutes)**
   - Teacher-presenter speaks to those comments and questions he or she chooses while participants are silent. This is NOT a time to defend oneself, but a time to explore further interesting ideas that have come out of the feedback section.
   - Facilitator may intervene to focus or clarify.

8. **Debrief (5 minutes)**
   - Facilitator-led open discussion of this tuning experience.
Tuning Protocol Guidelines

Participation in a structured process of professional collaboration like this can be intimidating and anxiety-producing, especially for the teacher presenting student work. Having a shared set of guidelines or norms helps everybody participate in a manner that is respectful, as well as conducive to helpful feedback. Below is one set of guidelines; teachers may want to create their own. In any case, the group should go over the guidelines and the schedule before starting the protocol. The facilitator should feel free to remind participants of the guidelines and schedule at any time in the process.

1. **Be respectful of presenters.** By making their work more public, teachers are exposing themselves to kinds of critiques they may not be used to receiving. If inappropriate comments or questions are posed, the facilitator should make sure they are blocked or withdrawn.

2. **Be respectful of students and their work.**

3. **Contribute to substantive discourse.** Resist offering only blanket praise or silence. Without thoughtful, probing questions and comments, the presenter will not benefit from the tuning protocol.

4. **Be appreciative of the facilitator’s role, particularly in regard to following the guidelines and keeping time.** A complete format is run on a tight schedule. A tuning protocol that doesn't allow for all components (presentation, feedback, response, debrief) to be enacted properly will do a disservice to the teacher-presenters and to the participants. Try to keep your comments succinct, and monitor your own air time.

5. **Facilitators need to keep the conversation constructive.** There is a delicate balance between feedback that only strokes and feedback that does damage. It is the facilitator's job to make sure balance is maintained. At the end of the session, the presenter should be able to revise the work productively on the basis of what was said.

6. **Don’t skip the debrief.** It is tempting to move to the next item of business once the feedback section is over. If you do that, the quality of responses will not improve and the presenters will not get increasingly useful kinds of feedback.

*Source: A Guide to Looking Collaboratively at Student Work by David Allen, Tina Blythe, Barbara Powell*
The Standards in Practice™ Model for Examining Student Work

1. We all complete the assignment or task.

2. We analyze the demands of the assignment or task.

3. We identify the standards that apply to this assignment.

4. We generate a rough rubric or scoring guide for this assignment from the standards and the assignment.

5. We score the student work, using the rubric/scoring guide.

6. We analyze student work to plan strategy for improving students’ performance. Then we look at actions needed at the classroom, school, and district levels, to ensure that all students meet the standards on this and similar assignments.

The Standards in Practice model was developed by EdTrust, and the instructional materials included here were developed by the Southern Regional Education Board.
Complete the assignment that the students were asked to do.

**Procedures**

Ask the teacher bringing the assignment:
- Why did you give the students this assignment?
- What instructions did the students get? Oral? Written and distributed to each student?
- Do we have the same instructions as the students? Were they on the board?

Give participants 10 minutes to do the assignment, telling them that they can do it in any way that they want—collaboratively, individually, with or without calculators.

Hand out the assignment sheets and then walk around the tables, answering questions, encouraging, providing hints.

**Guidelines**

This is the only step with a time limit. The other steps can take as much time as is available (for example, during a two-hour or a one-day demonstration, or a one-hour team meeting), provided that there is sufficient time for a discussion in Step 6. It is so important NOT to spend too much time on Step 1 that we would suggest combining Step 1 and Step 2, if necessary. The instructors could ask the participants to work through the assignment as a whole group instead of individually, and then immediately ask the questions in Step 2.

If there is time for the groups to do the assignment completely, the participants should be asked to compare how they approached it. If there are wide differences in how they answered the question, that fact should be noted as a subject for revision in Step 6: if adults can interpret an assignment in widely different ways, students can do so too and probably get a poor grade for misunderstanding an intention that wasn’t clear.

Do not provide instructions orally unless this is an assignment for very young students. Tell participants that they must use the instructions printed on the assignment.
Key Points

Do this fast, but do it! If you don’t do the assignment yourselves, you won’t know whether it truly asks for the knowledge and skills you want students to have.

Students can get poor grades because they didn’t hear all of the assignment because the teacher gave it orally, or because part of the assignment can be erased from the board. We suggest that students receive assignments in clear written form beginning in first grade, and that teachers are careful to see that all students have understood what is wanted.

Word to the wise: You can’t always do the assignment a teacher brings. The assignment may be too long, may require scissors and paste (elementary school), or a science lab (high school). The teacher bringing the assignment should explain how it was presented to students, where in the unit or semester it came, and what the intention was.

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Step 2

Analyze the demands of the assignment or task.

Procedures

This activity should be done as a whole group. The instructors use chart paper to list the major skills and knowledge that the students must have if they are going to do well on the assignment. Ask teachers to work in groups to analyze the requirements of the assignment or task:

- What skills and knowledge are needed to complete it?
- Does it require problem-solving? Computation? Knowledge of literary forms such as fairy tales? Writing? Reading comprehension? Editing?

If no content can be found, go immediately to Step 6.

Guidelines

The major question for the group to focus on is: Why was this assignment given? What academic content did the student have to know to complete the assignment? Assignments are assessments of what the student has learned, so teachers have to be able to articulate the skills and knowledge that the student should demonstrate in completing a specific assignment.
The focus must be on academic skills and knowledge, not process or motivation. Was there anything to learn in this assignment? An assignment teaching only "following instructions" or "research skills," for example, should not be considered further. Instead of trying to look for standards that won’t be there, the group should move immediately to Step 6 and suggest modifications for the assignment: Following instructions to do what? Research into what topic?

**Key Points**

Teachers must know why they have given students an assignment, in terms of academic content; they should examine the assignment thoroughly to identify exactly what it asks students to do. *What does the student have to know and be able to do in order to complete the assignment? (Content and skills, not process or motivation.)*

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**Step 3**

**Identify the standards that apply to this assignment.**

**Procedures**

1. Gather the related Georgia Performance Standards (e.g., grade 4 mathematics).

2. Ask, "If the students do this assignment, what standards would they be moving toward?"

3. The team members find standards that the assignment is aligned with and write them down. As the facilitator writes the standards on the chart paper at the front of the room, she will ask the participants not to call out the number of the standard, except for reference, but instead to read the complete text and then choose key words for the chart. We do this because it requires participants to examine the wording of the standards, to learn what’s in the standards.

**Guidelines**

Don’t make enormously long lists of standards. Most assignments don’t address more than two or three standards. Look at the assignment and figure out the central learning that it embodies. Remember that many assignments will include writing as well as other content, so you should choose a writing standard in addition to the main content.
Step 3, like Step 2, is often a new experience for teachers. They may have been used to writing a few numbers by each assignment and calling that alignment with the standards, but we insist that they look hard at what each standard says and ask whether this assignment would help a student to attain that knowledge or skill.

**Key Points**

- All assignments must be aligned with the standards used in the state.
- Find as few standards as necessary to cover all the cognitive demands listed in Step 2.
- Quote the actual language of the standards, not the numerical designation. Examine standards thoroughly for their meaning.
- If no standards can be found, proceed immediately to Step 6.

**Step 4**

Using the standards and the assignment, develop a rubric or scoring guide for this assignment.

**Procedures**

In Step 4, participants construct a scoring rubric for the student work.

1. Set level 4: First, describe “ideal” work—the best possible answer. This would be level 4.
2. Set level 3: Next, describe a “perfectly adequate” answer. This is a level 3. It is fairly simple to do this by subtracting qualities from the “4” description—an excellent reason for starting at the top. A “3” will have the elements of a sound answer (correct answer, explanation), but will lack the brilliance of a “4”: the explanation will not be easy to follow, for example.
3. Set levels 2 and 1: Describe work that requires reteaching, due to a basic lack of understanding. A level 2 would be deficient in at least one key area, and a level 1 would be deficient in additional key areas.

**Guidelines**
To make clear what a task-specific rubric looks like, you may present a model to people who have never constructed one. You can use the “dots” rubric for this purpose. Using a model involves the danger of having people slavishly follow it, which can result in irrelevant criteria. If you show a model to the participants, make sure it isn’t a rubric for the same problem as you’re using to demonstrate and that people understand that the features of a model must be transferred to a new situation, not just copied.

### Key Points

**Being clear about expected quality ensures equity and fairness for students.** The purpose of Step 4 is:

1. To make the quality of expected work explicit, and thus to raise student achievement by making the features of excellent work clear to everyone concerned—teachers, students, parents, future employers.
2. To make scoring equitable by making the criteria public.
3. To make clear how a standards-based system works in contrast to a norm-referenced system. In a norm-referenced system, students’ work is compared to other students’ work. The best usually get the highest score, regardless of their absolute quality. In a standards-based system, students’ work is compared to established standards by means of a rubric based on those standards.

**Teachers grow professionally as they “defuzz” their notions about good student work and put those notions into words.** Writing a rubric is difficult for teachers because they have rarely thought about how they would describe what they expect in a student’s response to an assignment. Guidelines for writing good rubrics include:

- Make sure there is a balance between process and content.
- The points should be equidistant—the difference between a 2 and 3 is the same as the difference between a 3 and 4.
- Scoring a 4 should be within the reach of all students.
- The criteria should be aligned with expectations as expressed in the (state) assessments.

**Specifying quantities is easy but superficial.** The rubric should not use quantities—it doesn’t specify a number of errors at each score level. We are moving away from “countable” quantities to descriptions of quality.

**Describing expected quality is the heart of standards-based schooling.** Teachers are nervous about words such as “easily,” “confidently,” “clearly,” “thorough,” “compelling,” but these are words that describe the high quality we are looking for. They think these words are too “subjective,” and therefore difficult to defend to students and even parents. However, the recognition of quality is necessary if students are to be brought up from basic achievement to higher levels. Teachers must be able to recognize “a clear, logical explanation” and show
examples of it to students. Such notions cannot be quantified or counted, but they are the essence of high achievement.

**Keep it impersonal.** To keep the rubric in a constructive form for students and teachers alike, refer to “student work” rather than “students.” This shows you are scoring an assignment, not the student’s general achievement level.

**This is a “subtractive” process. Start with a 4 and work down.** In our experience, when directed to write first what level 4 work looks like, the groups usually write a description that would work for a “3” paper: they make a list of what must be in the student work. In the case of the “dots,” this means a correct answer, and an explanation of how the student arrived at it. This is work that is perfectly adequate and shows understanding of the problem, but it lacks the confidence and clarity of “4” level work.

Between the “3” answer and the “2” answer there is an important watershed. A “3” or a “4” answer displays command of the concepts. Clearly the student knows and can apply the skills and knowledge, although the “3” lacks the confident ease of a “4.” But work that earns a “2” or a “1” according to the rubric needs reteaching. The student doesn’t understand the concept or hasn’t offered any written explanation. Work that receives a “2” or a “1” needs reteaching, but clearly to a different degree.

**Grading is a system-level decision, and will not be discussed here.**

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**Step 5**

Using the rubric developed, score the student work.

**Procedures**

1. Conceal students’ names on the assignment and designate them with letters; e.g., “Assignment A.” A team should look at a complete set of student work responding to the assignment, not just samples.
2. Create a chart that lists the number of participants across the top and letters designating student assignments down the side. This will be used so that each participant can fill in his/her score for each assignment. The chart offers an “at-a-glance” look at the amount of agreement in the group.
3. Distribute the student work.
4. Ask each participant to score the student work ALONE, first, using the rubric you’ve worked out together.
5. When everyone has a set of scores, record them on a chart and reconcile them so that each team member roughly agrees.
Guidelines

Teachers should complete this step independently first, and then share ideas with others.

If you can’t get complete agreement, at least decide between the papers that get a 4 or 3 and those that get a 2 or 1. (Scores of 1 or 2 indicate a need for reteaching.)

Key Points

Individual scores come first. Teachers must commit to the scores individually before they try to reach consensus. Use a table for this purpose. If scores aren’t written down, it is too easy to change them as it becomes clear that some scores seem out of line with those of other group members.

When reaching consensus, use discussion to probe deeply on differences of opinion. The team must then reach consensus on a score for each paper. Discussing differences in scoring produces some valuable conversation, because teachers reveal the differing value systems that underlie their grading and scoring. By using a common rubric based on standards, teachers begin to realize the need for common reliable grading systems.

Beware of grading on a curve. The issue of grading on the curve frequently arises during Step 5, when participants are tempted to give a higher score to papers that exhibit more accomplishment than others, although they do not meet criteria for a 3 or 4. The facilitator should facilitate a discussion about this, so participants are aware of this tendency and commit to avoiding the “bell curve” trap. It is perfectly possible that the majority of students may receive a 3 or a 2; in fact, it is more likely than a traditional bell curve. The ideal would be all 4’s.

Use the rubric as the basis of discussion. Scores must be justified from the description in the rubric. Giving a higher score to a paper that is neater but not accurate is yielding to norm-referencing.

Don’t fall into the trap of thinking that longer essay answers mean more proficient work. The best work often contains succinct, efficient explanations.
Analyze student work to plan strategy for improving students’ performance. Then look at actions needed at the classroom, school, and district levels, to ensure that all students meet the standards on this and similar assignments.

**Procedures**

1. Ask about the qualities of the assignment: Is it well-aligned with standards? Is it worth the students’ time? Are our expectations high enough? If it needs adjusting, how should it be reworded? Additional criteria for good assignments include:
   - Instructions should be given in writing and should have all the information the student needs to respond.
   - The assignment should be focused on applying important concepts and essential skills in the appropriate standards.
   - They should include writing, even in math.
   - They should have a real-life application, if possible.

2. Look closely at the student work and make notes on what are the most frequent and fundamental problems.
   - For example, if students are attempting a math problem, can they read it? Do they know what they are asked to produce? Do they lack computational skills, or problem-solving techniques? Then build an instructional strategy—using the collective wisdom of the group—to tackle these problems.
   - Could the problem be related to other assignments in the unit? You may need to look at the overall unit construction to make sure that skills build upon one another.

3. Look at the entire unit of study to see how the collection of assignments is organized and sequenced.
   - Are these assignments enough, as a collection, to move a student toward mastery?
   - How can we make sure there is a strong link from standards and standardized assessments to assignments to scoring to instruction?

4. Look beyond this specific unit and generalize it into professional development at the school and district level:
At the school level, should teachers meet across grade levels (vertically) to coordinate their teaching, for example?

At the district level, could the district provide some special materials, for example? Or organize professional development?

Guidelines

Teachers focus primarily on the classroom level, even just on revising the assignment. Help them to think about how the whole school could improve students’ skills, and how the central office (district) could provide assistance, if asked, especially in finding sources of deeper content knowledge. Probe deeply at each step. You may need to coach participants to think thoroughly about implications for the assignment, the instruction, and the teacher. Suggestions should be offered and received in a collegial, constructive environment.

Key Points

In Step 6, the team answers the question: what are we going to do about it? This is the most important step in the process. People tend to think they’re done when they’ve got the work scored, but in fact all that was just preparation for answering the most important questions.

This process should ensure continuous progress. As groups meet regularly and teachers share experience and strategies, team participants will become increasingly comfortable in pushing each other toward excellence.

It is important to leave enough time for this discussion to go deeply into the process. The objective of the process is to produce change, and change thrives on visualizing possibilities. They can develop in Step 6 if there is enough time.

Think about what needs to happen at the school and district level as well as in the classroom for students to be successful.

Ask participants to analyze the student work for insight into students’ thinking processes and to evaluate the students’ knowledge and skills as a baseline for changes in instruction.

Focus the discussion on what needs to happen TOMORROW to enable students to succeed.
Collaborative Assessment of Student Learning (CASL)

The CASL process combines elements of action research, assessment, study groups, and Cognitive Coaching (Costa & Garmston, 1994). Together, teachers analyze student work samples and document their findings about the relationship between teaching and learning in a portfolio. In the process, teachers develop a richer repertoire of teaching strategies and deepen their content knowledge.

**Key components.** The CASL system is built upon three key components:

1. A culture of inquiry
2. Phases of inquiry into students’ learning
3. Written analysis and reflection upon both the students’ and the teachers’ progress

**1. Identify challenging areas.** Teachers identify a target learning area from the standards that is particularly challenging for their students. This may be done by examining test data, test items, or school improvement plans.

**2. Analyze student work.** At the first CASL meeting, analyze the responses of an entire class on a given assessment or assignment. The responses are divided into three levels of performance: demonstrating target performance, approaching target assignments, performing below target performance.

**3. Analyze findings.** Record findings on a grid. Group students according to learning patterns – common misconceptions, strengths, gaps in knowledge, interests, or learning styles.

**4. Choose focus students.** Identify two students as “focus students.” These students should represent different instructional challenges. These students are used as the “case studies” for the entire school year. This process will allow teachers to make generalizations about instructional methods based on their analysis.

**5. Meet every two weeks to examine the work of the focus students.** The CASL group then begins the collaborative process by examining a piece of student work. The learning is guided by a set of probing questions (see below). Each session results in a set of short-term goals and suggested strategies based on the analysis of the group.

**6. Document your learning.** Teachers are asked to provide written documentation of their students’ progress, their analysis of student learning, and their own professional learning. The CASL portfolio includes (1) a description of the target learning area and each student studied; (2) the whole class and individual student work that was collected and analyzed; (3) the teachers’ reflections and analysis from each study group session; and (4) their final reflections.
Guiding Questions: Setting the Stage
*What guides your analysis of the student work?*

Describe the student
- Provide a description of all the relevant characteristics of the student: age, gender, learning style, culture, interests, strengths, and any other important information that will help your colleagues understand your analysis.

Describe your goals
- What learning goals (skills, knowledge, attitudes) were you hoping to observe in this piece of work?
- What were your reasons for selecting these goals?
- How do these goals fit in with what has been taught already?

Describe the experiences that led to this work
- What learning experiences did this student engage in prior to producing this work?
- What were your reasons for choosing this particular teaching/learning approach?

Describe your reasons for assigning this task
- What were your reasons for choosing this approach for assessing your student’s progress (through the student work)?
- Under what conditions was this work generated (e.g., directions, group size, homework)?

Guiding Questions: Looking at the Work
*Describe what you see in the work*

- What do you see in the student’s work? (Use only descriptive words and withhold judgment.)
- What additional questions do you have as you look at the work?

Guiding Questions: Analysis/Interpretation
*What does the work tell you about your student’s accomplishments and your teaching?*

- What does the work tell you about your student’s accomplishment of the learning goal(s) and the understanding of the particular information presented?
- What specific evidence can you provide for your assessment of what the student understands or can do (e.g. misconceptions, gaps in their knowledge base) or is like?
- What does this work tell you about how the student learns? What characteristics of the child might be influencing the work (e.g. development, interests, prior performance/experience, culture, attitudes)?
- What does this piece of work tell you about the success of your teaching approach?
- What factors in or outside the classroom may have influenced the student’s performance (e.g., illness, playground conflict, family issues, time of day)?)
Guiding Questions: Future Teaching Actions

Based on your analysis, what will you do next?

- Describe the teaching actions you might try next
- What are some of the teaching actions (e.g., teacher feedback, peer instruction, clearer modeling of expected work) you think are likely to help the student achieve the learning goals, and why do you think each would work?
- What additional information, if any, do you need before you can decide which action to take?
- Where will you get the additional information?
- Which of the actions described are you likely to try next with the student to help him or her accomplish the specified learning goals? Why do you think this approach will help move the student toward the learning goals?

Guiding Questions: Action

What did you try and how did it work?

- Describe what you did next and analyze how it went.
- Return to step 2 and begin the process again.

## Teacher Commentary

### What
Feedback to students that lets them know how the students’ “evidence” matches up against the expectations expressed in the standards. It may be oral or in writing, and both are suggested.

Teacher commentary is formative in nature; it tells the student how to improve (and assumes that s/he will have opportunities to do so!)

### Why
- To correct knowledge gaps or skill deficits
- To provide feedback that is specific and helpful to the student
- To encourage the student to continue trying
- To guide learning by letting the student know where s/he needs to focus.
- To keep a written record of student progress.

### When
There are no hard-and-fast rules about how often you should include teacher commentary in your feedback to students. Common sense says that it is impractical to expect that every piece of work would have detailed commentary; on the other hand, if teacher commentary is only provided at the end of a unit/course, it doesn’t offer much opportunity for the student to learn and improve! Here are some general guidelines.

- Often enough to document progress throughout a unit/course
- Often enough so that students can make adjustments and learn and then demonstrate new learning.
- Often enough so that students can see patterns in their work and in the commentary their work elicits.

### How
First, review the standards and elements so that you have expectations clearly in your mind, and so that you can refer to them (in terms students understand) in your commentary.

Center your comments around the standards and elements. If the teacher commentary is in writing, think of it as a “written conference.”

Be very specific; this helps students know exactly what they are doing right and/or wrong.
#### Indicators of Achievement: Instruction

1. Instruction aligns directly with standards.
   - Instructional strategies and learning activities are strongly aligned with the goals and performance standards for student learning.
   - The school consistently reviews and aligns instructional practices with the performance standards for student learning on an ongoing basis.
   - Classroom goals and performance standards are aligned with state standards.
   - The design and sequence of lessons or units of study take into account an understanding of any prerequisite relationships that exist among concepts and/or skills students are expected to achieve.

2. Essential understandings, concepts and key skills of the topics being studied are the main focus of learning activities.
   - Essential knowledge and skills are identified and given priority.
   - The design and selection of instructional strategies and learning activities for students are based on the essential knowledge and skills for student learning.

3. Teachers routinely employ instructional strategies found in replicated research studies to be highly effective, such as identifying similarities and differences, summarizing and note-taking, generating and testing hypotheses, using cues, graphic representations, Essential Questions, and advance organizers.
   - Students are provided with learning opportunities that enable them to make connections between what they are learning and the world beyond the classroom and to apply their learning in addressing real-life problems.
   - Students are provided with opportunities to apply their learning in meaningful contexts that call for decision-making, investigation, and problem solving.
   - Teachers place an emphasis on both the essential knowledge and skills for student learning and higher-order thinking skills to enhance students’ understanding of information and ideas by involving students in synthesizing, generalizing, explaining, hypothesizing, or arriving at conclusions that produce new meaning and understanding for them.
   - Teachers challenge students to research underlying causes, explain their thinking, and/or justify a position.
   - Students are provided with instructional overviews that describe the relationships between past and present learning to increase the depth and breadth of their learning.
   - Students engage in substantive discussions about the content of the lesson/unit with the teacher and/or their peers, extending their knowledge and understanding of the essential concepts or skills.
3. Examples and/or metaphors incorporated in the presentation of new content are carefully selected to enhance students’ understanding of the new concepts or skills.

4. Teachers routinely collaborate on ways to improve student engagement in classroom activities and on assessments. Instructional strategies and learning activities are strongly aligned with the goals and performance for student learning.

- Significant time during the work week is provided to staff members for joint learning and collaborative work.
- Professional development activities are aligned with the specific goals and instructional programs of the school and promote a focus on student learning.
- The priorities of the design of professional development programs are based on a careful analysis of student performance data and the school’s goals for improving student learning.
- The school’s professional development program helps administrators and teachers attain and develop the content knowledge and pedagogical skills necessary to design and deliver high-quality curriculum.
- The school’s professional development program prepares teachers to use research-based teaching strategies to support students’ achievement of the essential knowledge and skills for learning.
- Research-based content serves as the core of staff learning (i.e., an emphasis is placed on strategies that have proven valuable in increasing student learning and development).
- The school’s assessment system yields feedback that is part of a continuous improvement process for individual student performance and the overall instructional program.

5. Students have an opportunity to learn rigorous content with appropriate time allocated for learning and access to additional support beyond the classroom. Instructional strategies and learning activities are strongly aligned with standards.

- Students are provided with opportunities to receive additional individualized assistance that addresses the specific learning challenge(s) the student has encountered (e.g., assistance provided by a teacher or classroom aide, a peer tutor, and/or from interactive technology-based instructional resources aligned with the curriculum).
- If the results of formative assessments of student learning indicate that students are experiencing difficulties in their learning, students are provided with alternative strategies and additional support to help them learn the essential skills and concepts they are expected to achieve.
- Information technology resources are effectively used to establish collaborative networks of support inside and outside the school to assist students in achieving the essential knowledge and skills for their learning.

6. Teachers define and communicate clear performance expectations and learning focus to students in advance.
Performance standards employed in the evaluation of student achievement are understood by all those who have a stake in the results of the assessment.

The expectations for student learning are clearly defined in terms of explicit performance indicators and standards that describe the vision of academic success for all students.

Clear explanations of new concepts or skills are provided to students (i.e., the teacher’s oral and written language is clear and the choice of vocabulary is appropriate for the students).

The presentation of new content is provided with sufficient thoroughness to enable students to explore connections and relationships that can enrich and extend their understandings of the concepts and skills they are expected to learn.

The essential knowledge, skills, and performance standards for student learning are shared and explained to parents and students in clear language, free of jargon or technical terms.

A shared vision of successful student learning is developed by providing models and exemplars so that teachers, parents, and students know what good performance looks like.

7. A variety of instructional strategies are used including a mixture of individual study, whole class, and small groups, as appropriate.

- Teachers provide a balance of whole-class and small group learning activities to expand opportunities for students to achieve.
- Teachers provide instruction that involves frequent interactions with students.
- The assigned tasks or projects for small group activities are appropriate to the instructional goals of the lesson and take into account the typical developmental characteristics of the students’ age group.
- The selection of students who are assigned to work together as a group reflects careful attention to establishing the mix of strengths and needs represented by the students in the group.
- Decisions about the use of individual or group accountability are made prior to the assignment of small groups.
- Students are provided with instruction on how to work effectively in small groups (i.e., in addition to learning how to support and increase each others’ learning in small groups, students learn teamwork, how to give and receive criticism, and how to plan, monitor, and evaluate their individual and joint activities).
8. Teachers maximize the use of instructional time.

- Teachers maximize students’ academic engaged time by aligning instructional goals with strategies, resources (e.g., textbooks, instructional materials, etc.), learning activities, and assessments of student learning.
- Transitions between instructional activities and classroom routines for handling instructional materials and supplies occur smoothly with minimal loss of time.
- Teachers and administrators protect learning time and allocate appropriate amounts of time for instruction.

9. Teachers routinely differentiate instruction for individual students based on their progress toward learning goals, interests, and learning styles.

- Teachers employ a variety of instructional techniques and strategies to adapt lessons to individual students or small groups, based on the analysis of the students’ learning needs.
- Learning activities and homework assignments are carefully developed to ensure that the learning tasks are challenging, but not frustrating for students to complete. Appropriate adjustments are made to accommodate students’ learning needs.
- Instruction provides frequent and timely formative assessments of students’ learning progress to inform both teachers and students when or if additional time or alternative learning strategies are needed to support student learning.
- Students’ individual learning problems or misunderstandings are identified in the early stages of the learning process and additional support is provided. Alternative instructional strategies or learning activities are employed to meet the learning needs of students in achieving the essential knowledge and skills for their learning.
- The scope and pacing of lessons is appropriate to the students.

10. Teachers act as guides and facilitators of student learning and create environments where students are actively engaged in learning, making some choices, and taking responsibility for learning.

- Students are frequently given the opportunity to make choices from a selection of well-designed activities aligned with instructional goals.
- Students are provided with feedback on their learning that is accurate, constructive, substantive, specific, and timely, and that clearly informs them of the next steps to take in their responsibilities as learners to achieve the expectations for their learning.
- Effective classroom management and organizational strategies are employed, and both academic and behavioral expectations for students are clearly defined.
11. Teachers encourage student reflection, self-assessment, and self-adjustment by providing students with an opportunity and a format by which to assess their own work against pre-established criteria.

- Instruction involves the teaching of learning strategies to help students monitor and manage their own learning (e.g., help students become aware of their own thinking, self-assess and regulate their actions, demonstrate adaptability and flexibility, and persevere in completing challenging tasks).
- Teachers carefully frame questions that enable students to demonstrate their level of understanding of the new content and that elicit students’ reflection on their learning.
- The performance indicators of the essential knowledge and skills for student learning describe the type of evidence and critical attributes of students’ achievement of the goals for their learning.
- Students can describe the expectations for their learning in their own words.
- The clarity of performance standards enables students to self-assess their progress in achieving the standards.
- Assessment practices include a process of continuous feedback for students on how they can improve their own learning.

Recommended Readings/Viewings: Instruction

Note: A more general list of resources for the standards-based education process is contained in the materials for Day one of training.


This excellent resource includes four VHS tapes and a Facilitator’s Guide that thoroughly illustrate a number of collaboration protocols for examining student work in order to improve student achievement. One set of these materials is being sent to each local system.


In this step-by-step description of the process for creating and working with curriculum maps from data collection to ongoing curriculum review, Jacobs discusses the importance of “essential questions,” as well as assessment design that reflects what teachers know about the students they teach. The benefits of this kind of mapping are obvious for integrating curriculum. Through the development of curriculum maps, educators can see not only where subjects already come together but also any gaps that may be present.

Literacy Across the Curriculum: Setting and Implementing Goals for Grades Six through Twelve. SREB, 2004.

This volume is essential for state, district, and school leaders who plan to implement school wide literacy programs. It provides concrete, research-based steps not only to raise reading and writing achievement but also to help students learn more in every class by using literacy skills. The guide focuses on five literacy goals: reading 25 books across the curriculum; writing weekly in all classes; using reading and writing strategies; writing research papers; and taking rigorous language arts classes.

Using a meta-analysis of thousands of research studies, Marzano, et al., clearly answer the question, “Which instructional techniques are *proven* to work?” They provide 13 proven strategies that all teachers can use, and they explain the research in a clear, practical manner.


A perfect resource for self-help or school study groups, this handbook makes it much easier to apply the teaching practices outlined in *Classroom Instruction That Works.* The authors guide the reader through the nine categories of instructional strategies that are most likely to maximize student achievement and provide everything needed to use the strategies quickly in classrooms. The book includes the following: exercises to check understanding; brief questionnaires to reflect on current beliefs and practices; tips and recommendations to implement the strategies; samples, worksheets, and other tools to help plan classroom activities; and rubrics to assess the effectiveness of the strategies with students.


The authors analyze research from more than 100 studies on classroom management to answer the questions, “How does classroom management affect student achievement?” and “What techniques do teachers find most effective?” The authors provide action steps, along with real stories of teachers and students, to guide teachers in implementing the research findings.


This practical book about the responsibility educators have to teach what matters most includes many examples of educators throughout the nation who have been successful in increasing student performance on state and national assessments. The authors also explore three changes that must take place to achieve this goal: responsible standards, responsible strategies, and responsible assessment practices.

This book explains the “backward design” process that is the backbone of standards-based education. The book explains both the underlying principles and the process teachers can use to put them into practice.


This companion book to *Understanding by Design* provides discussion questions, graphic organizers, and summaries to support faculty study groups that are exploring *Understanding by Design*.


This companion book to *Understanding by Design* is chock-full of templates and examples to help teachers put the process into place.
Suggested Web Sites for Instruction

http://ims.ode.state.oh.us/ODE/IMS/Lessons/Default.asp

This web site, created by the Ohio Department of Education, provides guidelines for planning standards-based instruction and for designing standards-based units and lessons.

http://pareonline.net

Practical Assessment, Research and Evaluation (PARE) is an on-line journal supported, in part, by the Department of Measurement, Statistics, and Evaluation at the University of Maryland. Its purpose is to provide education professionals access to refereed articles that can have a positive impact on assessment, research, evaluation, and teaching practice.

http://users.edte.utwente.nl/lanzing/cm_home.htm

This web site provides an overview of concept mapping that might be useful for determining those concepts and processes that fit together for units of instruction.

http://www.greece.k12.ny.us/instruction/ela/6-12/BackwardDesign/Overview.htm

This page on the Greece Central School District of New York web site offers multiple resources related to instructional planning using the standards-based education process.

http://www.greece.k12.ny.us/instruction/ela/6-12/Curriculum%20Mapping/Index.htm

This page on the Greece Central School District of New York web site offers multiple templates that can be modified and used to assist in mapping concepts into units of instruction.
http://www.lkwash.wednet.edu/lwsd/html/programs/curriculum/modelunits_t.asp

This web site published by the Lake Washington School District includes a sample planning guide, a unit planning template, and several sample unit plans. GPS need to be unpacked through stages 1 and 2 before employing these templates.


This article lists, explains, and provides examples of nine instructional strategies, identified by Marzano, Pickering, and Pollock, that improve student achievement across all content areas and grade levels.

http://www.pbs.org/pbsyou/about.html

This PBS web site provides information about free, televised, adult education courses in everything from dramatic literature to cooking. Anyone teaching a new course or just wanting to revisit particular content topics might find this site useful.

http://www.rmcdenver.com/useguide/lessons/examples.htm?

This site provides sample lessons/units based on the Texas state standards.

http://www.sasked.gov.sk.ca/docs/policy/approach/instrapp05.html

This excellent article from Curriculum and Instruction Branch, Saskatchewan Education, 2220 College Avenue, Regina, Saskatchewan, provides information teachers may find helpful about matching instructional strategies to desired learning goals.

http://64.233.179.104/search?q=cache:FWPY3QS1C6wJ:www.pls.uni.edu/tws/rubricsamples/IDM2.pdf+Making+Instructional+Decisions&hl=en

This web site provides two anecdotal examples of teachers using assessment of student learning to make instructional decisions.
http://www.techtrekers.com/

This site provides information about simulations, web quests, and other strategies and activities that can provide students with opportunities to learn.

www.pals.sri.com

PALS is an on-line, standards-based, continually updated resource bank of science performance tasks indexed via the National Science Education Standards (NSES) and various other standards frameworks.

www.teachersbridge.org

This excellent site, created by a consortium of Georgia educators and other professionals in education, provides teaching resources, online learning communities, and much more.

http://www.sasked.gov.sk.ca/docs/policy/approach/instrapp02.html

This article provides an overview of four foundations for instructional decision-making, as well as information on appropriate teacher reflection about the practice of instructional decision-making in the classroom.