

Lesson 8.00 — Test Review & Reteach

Overview

Objectives — *Students will be able to...*

- **Re-learn or strengthen** content knowledge and skills from Unit 7.

Assessments — *Students will...*

- **Re-submit** test answers with updated corrections for partial or full credit
 - Credit depends on instructor preference

Homework — *Students will...*

- **Read** BJP 12.1 up to “Structure of Recursive Solutions”
- **Correct** any incorrect test answers by re-answering on a separate sheet of paper
 - To get back credit, they must justify their new answers
 - Staple new answer sheet to old test and turn in tomorrow

Materials & Prep

- **Projector and computer**
- **Whiteboard and markers**
- **Corrected student tests**
- **Student grades** (posted online, emailed to students, or handed back on paper in class)
- **Digital copy of test questions** for projector

Pacing Guide

Section	Total Time
Bell-work and attendance	5min
Class discussion (if needed)	10min
Test review and reteach	35min
Check student notes and return tests	5min

Procedure

Return student grades before class begins or while students are completing the bellwork.

Do not return students’ tests before the review session, since you want to motivate students to pay attention to the entire review, taking supplemental notes the entire time.

Bell-work and Attendance [5 minutes]

Class Discussion (if needed) [10 minutes]

1. If grades are low, invite the class to a discussion of what can be improved. With your co-teachers and/or TAs you should decide how to shift focus as the AP test is right around the corner. With your students, you should follow the same post-mortem format as in other review units, but with the AP exam in mind.
 - Do your students want to focus on Section II test taking strategies?
 - Perhaps they feel they need to drill quick-response Section I questions?
 - As a sanity-check, students should be reminded that they only have 1.5 minutes to solve each Section I question on the AP. If they are not near this pace, or if this is an unrealistic goal (due to language and/or reading barriers), decide as a class to focus on test-taking strategies (skipping, guessing, process of elimination) to reduce anxiety and recoup some potentially lost points.

2. Once you feel that a dialogue has been established, validate students' feelings then challenge them (*e.g.* AP courses are stressful, but this is good practice for college, where the pace is faster and professors don't give personalized instruction). Students can get very discouraged during this time of year. Inspire and amuse your class by pointing out old word walls or assignments (if you still have them up), showing students how far they have come since the beginning of the school year.

Test Review and Reteach [30 minutes]

1. Walk the students through each question on the test, glossing over questions that everyone answered correctly.
 - You can ask for students to volunteer answers, or call on students randomly. Make sure that students explain their logic when they answer. If a student gives an incorrect answer, the explanation will tell you what you need to re-teach or clarify.
 - Do not skip questions that everyone answered correctly, but do not spend more than the time it takes to read the question, and congratulate students' correct answers.
2. Project a copy of each question as you review—this will help students recall the question/process the information.
3. Make sure that students are taking notes during the re-teach, reminding students that for homework, they will have an opportunity to win back some of the points on their exam.
4. For Section II questions, select a sample of student work (with any identifying information obscured), and work through the answer together as a class.

Check student notes and return tests [5 minutes]

At the end of class, check student notes, and return the tests in hard copy form if applicable.

Accommodation and Differentiation

Encourage advanced students to take on additional programming challenges. One easy way to do this is to assign Programming Projects from the blue pages at the end of each Chapter.

If you have a few students that are struggling with the class, choose these students to create your classroom posters after school or for extra credit.

Forum discussion

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