



Math Lab Lesson #7: Review and Closing

What have we learned this semester during Saturday Academy, Weekday, and Math Lab?

SITUATING THE LESSON:

During Saturday Academy and Weekday, students are reviewing material from the semester in preparation for their Closing Assessment.

Summary: In this lesson, students will:

- Complete an activity (Grading an Exam) which requires grading and finding errors on a test, and present their work.
- Read an article about Recreational Math
- Play “Set”
- Complete a closing Math Lab Survey
- Discuss how they felt Math Lab has gone.
- NOTE: There are no new videos this week.

Preparation Before Class: Work through all problems and watch videos in advance. Read through and annotate the Lesson Plan in a way that will be useful to you.

Materials:

- Math Lab Lesson #7: Classwork: Recreational Math (1 per student and instructor)
- Math Lab Lesson #7: Group Activity: Grading an Exam (1 per student and instructor)
- Math Lab Lesson #7: Instructor Answer Key (instructor only)
- Set Card Game



1st Hour

1. Lesson Launch (5 min)

A) SATURDAY ACADEMY AND WEEKDAY REVIEW (5 MIN)

- Ask students what they have been learning in Saturday Academy and Weekday. What has been interesting? What have they struggled with? Take a few responses and jot them on the board.
- Ask students to get out their Workbook and find a Classwork (Level 1 or Level 2) problem that they understand. Have them pair up and give them one minute to explain it to their partner, then switch.
- Explain that this week we will start with the Group Activity

2. Activity: Grading an Exam (45 min)

- Hand out the “Grading an Exam” packets. Explain that you took this exam, and you’d like their help grading your work. Allow students to work in pairs. Explain that their goal is to:
 - Identify the content area of each question
 - Determine which of the answers are correct and incorrect
 - For the ones that are incorrect, identify the mistakes that were made and correct them by actually giving written comments on the paper.
- After students are finished, have them share out/present in order to clear up any content-related confusion.

3. Break (5 min)



2nd Hour

4. **Classwork: Recreational Math Article** (15 min)

- Have students read this article out loud one paragraph at a time.
- Clarify the “weighing” problem and give them a few minutes to work on it.
- Stress that although much of the experience of “school math” is focused on testing, math itself is all about observing and describing patterns, which is (or should be) a fun and intellectually stimulating activity.
- This is the launch to start playing Set, a game of patterns

5. **Game Time** (20 min)

- Hand out the game “Set” and explain the rules. Circulate as students play.

6. **End of Math Lab Survey** (15 min)

- Have students fill out the Survey.
- Have a closing discussion with the group! Leave them with words of wisdom 😊