

# Teacher Quick-Reference Guide

## Period B - October 10, 2025

Unit 1, Lesson 10 Follow-Up & Weekend Assignment

### Class Overview (50 minutes)

#### Today's Schedule

- **5 min:** Do Now / Settling
- **12 min:** CR Blitz (collect missing Q04/Q06 responses)
- **15 min:** Q02 Mini-lesson (z-score to proportion misconception)
- **3 min:** Exit ticket (Q02-style problems)
- **10 min:** Distribute personalized materials & explain weekend work
- **5 min:** Wrap-up & questions

### Student Status Summary

#### Traffic Light Status (MC Performance)

##### Green (80%):

- Edgar (100%)
- Ana (83%)
- Francois (100%)
- Keily (83%)

##### Yellow (60-79%):

- Hazel (67%)

##### Red (<60%):

- Janelle (50%)
- Gabriella (50%)

## CR Completion Status

### Missing CR Responses - **PRIORITY**

#### **Q04 Missing (5 students):**

- Edgar, Ana, Francois, Keily (all green - need CR practice)
- Gabriella (red - **HIGH PRIORITY**)

#### **Q06 Missing (7 students):**

- Edgar, Ana, Francois, Keily (green - need CR practice)
- Janelle (red - **HIGH PRIORITY**)
- Gabriella (red - **HIGH PRIORITY**)

**Only Hazel completed both CR questions!**

**Action:** Use CR Blitz (12 min) to collect all missing responses today.

## Materials to Distribute

### Handout Checklist

#### **For ALL Students (7 copies):**

Personalized performance brief (1 page each)

Weekend assignment sheet (1 page)

#### **For Janelle & Gabriella (2 copies each):**

Targeted practice packet (4-5 pages each)

Highlight: "Complete this packet and bring to class Tuesday"

#### **For Exit Ticket (12 quarter-sheets):**

Exit ticket - Q02 practice (print 3 pages, cut into quarters)

## CR Blitz Script & Rubrics

### Opening (1 min)

*"Most of you skipped the constructed response questions on L10. These are worth significant points and test critical skills. You have 12 minutes to complete both. Timer starts now."*

## Board Display - Success Criteria

### Write on Board Before Class

**CR BLITZ - 12 Minutes**

**SUCCESS CRITERIA:**

**Q04 (Histogram - 4 points):**

- Correct histogram drawn with bars
- Shape described (symmetric/skewed)
- Center identified (around 48-49g)
- Context mentioned (Reese's weights)

**Q06 (Z-scores - 3 points):**

- Z-score calculated for 46g
- Z-score calculated for 51g
- Proportion between them found

### Work Time (10 min)

- Start visible timer
- Students work silently
- Circulate - ensure all students are attempting both
- Remind: Formula  $z = (x - \mu)/\sigma$
- **Watch Janelle & Gabriella** - provide encouragement

### Closing (1 min)

- Collect all responses
- "These will be scored with the rubric on the board"

## Q02 Mini-Lesson Key Points

### Common Misconception (33% of students)

**Error Pattern:** Students confuse z-score with proportion

**Example:** Given  $z = 1.5$ , student writes “1.5%” instead of looking up in Table A

**Fix:** Emphasize z-score is *distance* from mean, NOT a percentage

### Teaching Sequence (15 min)

1. (3 min) Review: What is a z-score?
  - Distance from mean in standard deviations
  - Formula:  $z = (x - \mu)/\sigma$
  - Example:  $z = 1.5$  means “1.5 SD above the mean”
2. (5 min) Converting z to proportion
  - Use Table A to find area under curve
  - $z = 1.5 \rightarrow$  Table A shows 0.9332
  - This means 93.32%, NOT 1.5%!
3. (4 min) Practice example: Reese’s cups
  - $\mu = 48.5\text{g}$ ,  $\sigma = 1.2\text{g}$
  - Find proportion weighing LESS than 47g
  - Step 1:  $z = (47 - 48.5)/1.2 = -1.25$
  - Step 2:  $\text{Table A}(-1.25) = 0.1056$
  - Answer: About 10.6% (NOT 1.25%!)
4. (3 min) Check for understanding
  - Quick thumbs up/down poll
  - Address any confusion

## Weekend Assignment Instructions

### Talking Points (10 min)

1. (2 min) Explain personalized briefs
  - Each student has individualized feedback
  - Shows strengths & 1-2 focus skills
  - Includes links to review topics
2. (3 min) Universal requirements (ALL students)
  - Complete TWO 20-minute Blooket practice sessions
  - Review linked video topics from your brief

- Space out practice (Saturday + Sunday)
3. (3 min) Differentiated requirements
    - **Janelle & Gabriella:** Complete targeted practice packet
    - Due Tuesday, bring to class for feedback
    - Emphasize: This is personalized support, not punishment!
  4. (2 min) Questions & clarifications

## Post-Class Actions

### Tonight's Tasks

Score CR Blitz responses using rubrics (30-40 min)

Upload Unit1-Review-Flashcards.csv to Blooket/LMS

Update gradebook with exit ticket scores

Prepare feedback for Janelle & Gabriella's packets (Tuesday)

## Student Usernames (for reference)

Name	Username	Status
Edgar	apple_monkey	Green
Ana	papaya_eagle	Green
Francois	apricot_horse	Green
Keily	apricot_fox	Green
Hazel	apple_rabbit	Yellow
Janelle	mango_panda	Red (has packet)
Gabriella	guava_cat	Red (has packet)