

WEBXAM BASELINE GRAPHING ACTIVITY

September 4, 2026 | Graph your start, compare a class pattern, predict your growth

INVESTIGATOR
CODE

DATE

September 4, 2026

Use the private report assigned to you. Do not copy another student's numbers. If you do not have a real report, use the simulated values below and label them **SIMULATED**.

PART A | RECORD YOUR BASELINE

Copy **Student Score Pretest** for each content domain. Copy **% Correct** for Total. Do not use Blueprint Percentage, statewide averages, class averages, or Post-test values.

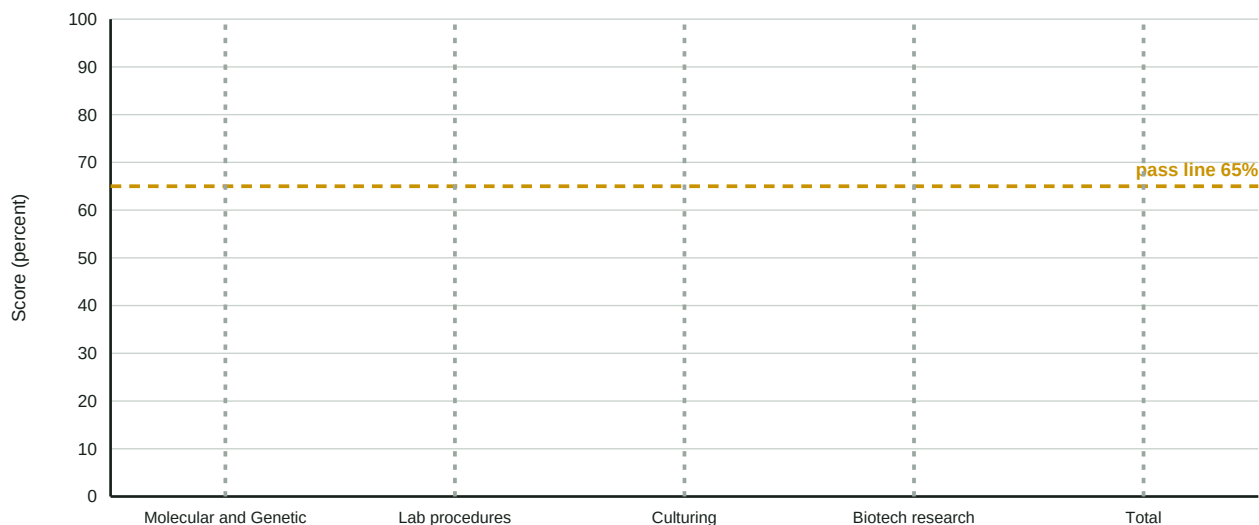
Content domain	Your score (percent)	Points to 65	Actual or simulated?
1. Molecular and Genetic Technology			
2. Laboratory Standard Operational Procedures			
3. Culturing			
4. Biotechnology Research and Experiments			
TOTAL			

For a score below 65: $65 - \text{score} = \text{points to the pass line}$. For a score at or above 65: $\text{score} - 65 = \text{points above}$.

Simulated make-up report: Domain 1 = 46%, Domain 2 = 55%, Domain 3 = 60%, Domain 4 = 50%, Total = 49%. These are practice values, not school results.

PART B | GRAPH YOUR INDIVIDUAL BASELINE

Draw five bars. Start the vertical axis at 0. Make each bar match the table. Use the 65% line in your one-sentence reading.

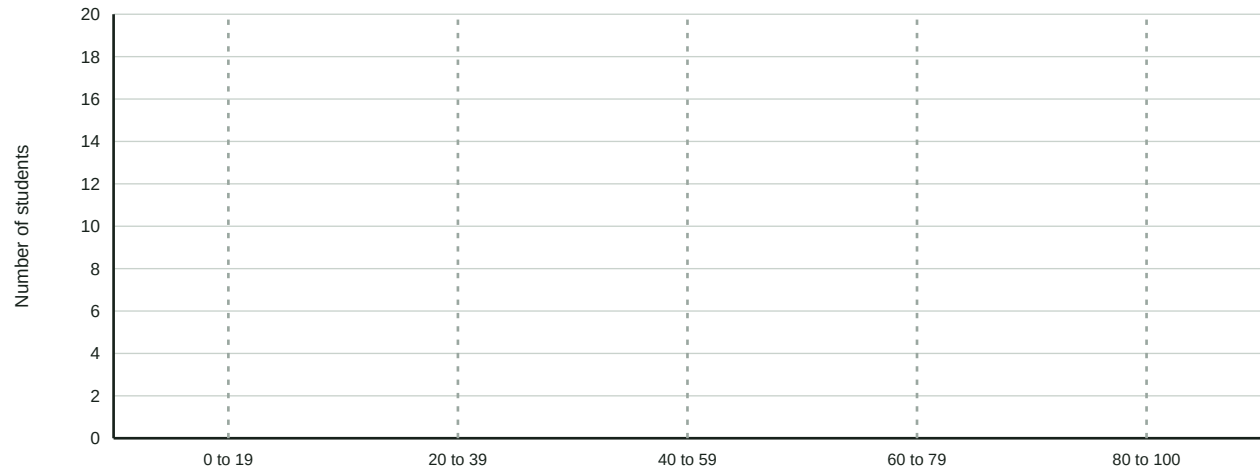


My graph shows _____

PART C | GRAPH THE SYNTHESIZED CLASS PICTURE

Use this privacy-safe class tally. It is synthesized for practice and is not the Genetics class roster or grade record.

Score bin	0 to 19	20 to 39	40 to 59	60 to 79	80 to 100
Number of students	0	4	10	5	1

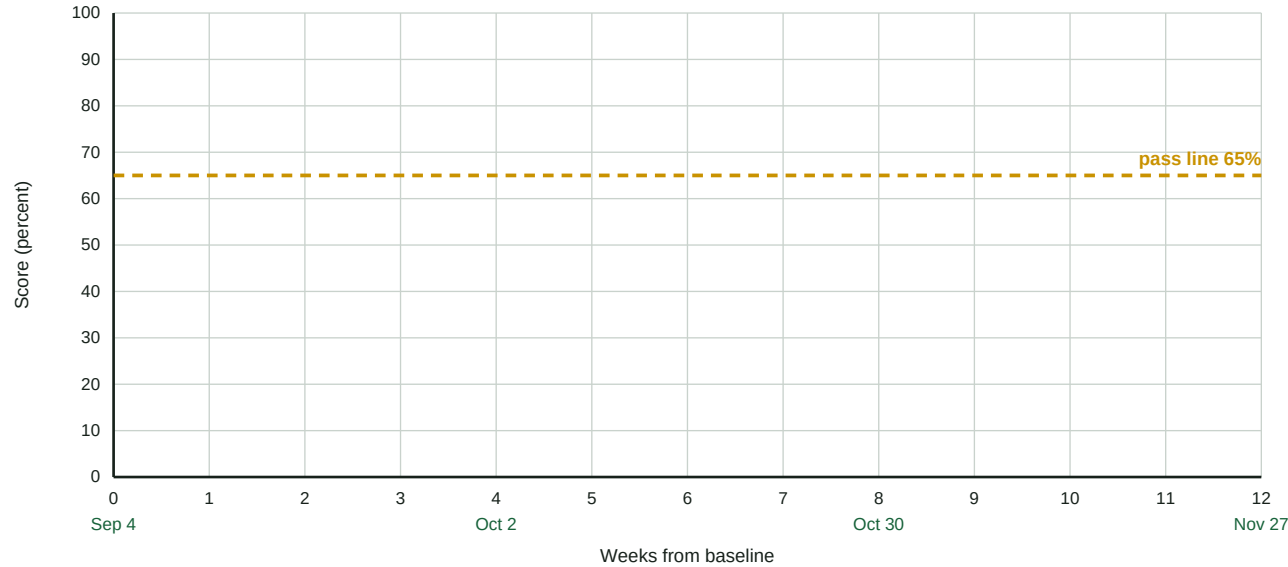


Median bin: _____ Occupied range: from _____ to _____

Why is the median a fair summary for this class picture? _____

PART D | PREDICT YOUR GROWTH

Choose a week-12 target of at least 65%. Plot your Total at week 0 and the target at week 12. Connect them with a straight line.



Target: _____% Baseline total: _____% Rate = (target - baseline) / 12 = _____ points per week

Week-4 prediction = baseline + 4 x rate = _____%

PART E | MAKE THE CALL

Write five to seven sentences. Include your target and date, your baseline, your rate, two study actions, the equal-growth assumption, and what you will revise if the October 2 checkpoint is below your line.

Claim ceiling: If I maintain this rate, my projection reaches my target. A projection is a plan to check. It does not prove your future WebXam score.

FINAL CHECK

- ☐ I used only my assigned report or the clearly labeled simulated report.
- ☐ I copied Pretest values, not Post-test, statewide, class-average, or blueprint values.
- ☐ Every graph begins at 0 and matches its table.
- ☐ I used the 65% reference line in my interpretation.
- ☐ My calculations include percent or points per week.
- ☐ My conclusion names the straight-line assumption and a revision rule.
- ☐ I will submit this activity. I will not submit or share my private WebXam report.

Turn in: all three pages as one PDF in Schoology, or hand the paper copy to Mr. Mendoza.