Teacher Answer Key

Case Study

1. AI contributed the design infrastructure — layouts, fonts, color scheme, and placeholder text — in about 30 seconds, which is the part Aaliyah found difficult. Aaliyah contributed all of the intellectual content: the actual facts, quotes, analysis, and argument from two weeks of study. She also exercised editorial judgment by removing slides that did not fit, adding her own, and rewriting AI-generated text in her own words. The AI handled the visual execution problem; Aaliyah handled the knowledge and thinking problem.

2. The AI dramatically accelerated the design execution that would have taken Aaliyah much longer to do manually. But the presentation was substantive because Aaliyah supplied the knowledge and judgment about what to include, how to structure the argument, and what was worth keeping from the AI's output. If Aaliyah had used Magic Design with no content knowledge, the resulting presentation would have looked professional but had nothing meaningful to say — confirming the reading's point that execution acceleration is only valuable when paired with the thinking that makes work worth accelerating.

Multiple Choice

1. D
2. A
3. B

Matching

1-C, 2-E, 3-D, 4-A, 5-B

Fill-in-the-Blank

1) Microsoft, 2) blank, 3) Magic Design

Short Answer (Sample Responses)

Q1: In-app AI tools are best at structured, routine tasks — drafting professional emails, creating standard document formats, summarizing meeting notes, and generating presentation outlines. They fall short at anything requiring original thinking, nuanced judgment, or genuine creativity. A Copilot-drafted quarterly report will be structurally correct but intellectually empty without the user supplying real analysis and insight.

Q2: Because AI is now embedded in the tools students will use in virtually every professional context — Word, Docs, email, design — knowing how to use AI features productively is becoming as fundamental as knowing how to format a document or create a spreadsheet. Students learning these tools today will enter workplaces where AI assistance is assumed, and those who can use it well will have an advantage over those who cannot.

Q3: Students should understand that text entered into AI features is processed according to each company's data policy, which may involve storage or use in model training. The reading's basic principle is to never input sensitive personal information, confidential data, or anything you would not want stored on a third-party server. For school accounts, it is worth checking whether the district's educational licensing provides stronger privacy protections than a consumer account would.