

Unit 9 — Cybersecurity and Global Impacts

Big Idea: IOC (Impact of Computing) | **Code.org unit:** Unit 9 | **Teacher:** _____ **Period:** _____

Your one-page map of everything graded in Unit 9: point values, weights, and the AP objective each item builds toward. Use it alongside the answer keys (folder 02) and the feedback bank (folder 05).

1 · Graded items and point values

Graded item	Points	Category	AP objective
Cybersecurity vocab & attacks	15	Practice	IOC-2.C
Encryption & authentication practice	15	Practice	IOC-2.C
Digital divide / bias response	15	Practice	IOC-2.A
Unit 9 quiz (25 Q)	25	Assessment	all IOC
Computing Innovation Impact — Handwritten Brief AI-PROOF	40	Performance	IOC-1/2
Unit total	110		

AI-proofing: items marked **AI-PROOF** are the handwritten, in-class replacements (folder 03) you assign when a student's digital work trips the AI red-flags. Same AP objective, no shortcut.

2 · Suggested category weights (gradebook)

Category	Weight
Practice (formative)	30%
Assessment	30%
Performance task	40%

These weights are pre-loaded in the gradebook CSV (folder 04). Change one cell and every grade recalculates.

3 · AP learning-objective coverage (put this on the wall)

Track per class. If the class average on any objective is below 70%, re-teach it *before* the AP exam.

Objective	Students must be able to...
IOC-1.A/1.B	Describe beneficial and harmful effects of computing innovations.
IOC-2.A	Explain how computing bias and the digital divide affect people.
IOC-2.B	Explain privacy concerns raised by data collection.
IOC-2.C	Describe security measures (encryption, authentication) and common attacks.
IOC-1.F	Explain the connection between data, personal privacy, and computing innovations.

4 · Grading order that saves time

1. **Quiz/assessment first** — objective, tells you instantly where the class stands.
2. **Skills work by station** — grade one item across the whole stack, then the next. 2–3× faster.
3. **Performance task last**, with the interactive grader (folder 06) open — click criteria, paste feedback.