

K–12 AI Content Quality Checklist

A Self-Assessment for Publishers and Ed Tech Teams

Use this checklist to evaluate whether your AI-assisted content workflow has the instructional infrastructure to support quality at scale. The gaps you find here are where quality risk concentrates—and where human oversight matters most.

1. INSTRUCTIONAL INFRASTRUCTURE

- Scope and sequence is documented for this program or unit—not just a topic list, but a structured instructional map.
- Lesson- or chapter-level outlines include explicit parameters for what AI should and should not produce.
- Exemplar content is available that models the target voice, grade level, and instructional design intent.
- A constraints document defines requirements specific to this project (tone, reading level, subject-area conventions, representation guidelines).

2. STANDARDS ALIGNMENT PROCESS

- Standards alignment (CCSS, NGSS, state frameworks, or other applicable standards) is reviewed at the outline stage before generation, not after.
- A qualified human reviewer confirms alignment between generated content and the mapped standards for each lesson or unit.
- A defined process exists for catching and correcting standards gaps before materials move into production.

3. GRADE-LEVEL AND DEVELOPMENTAL APPROPRIATENESS

- Grade-level calibration is applied by a qualified human reviewer with knowledge of developmental benchmarks—not inferred from prompt parameters alone.
- A rubric or defined set of criteria exists for what “grade-appropriate” means for this content type (vocabulary range, sentence complexity, conceptual scaffolding).
- Vocabulary, syntax complexity, and conceptual scaffolding are reviewed against known standards or publisher guidelines for the target grade band.

4. BIAS, EQUITY, AND REPRESENTATION REVIEW

- Bias and representation review is a defined, documented step in the AI-assisted workflow, not assumed as part of general editorial review.
- Representation requirements (for people, communities, cultural contexts, and language) are specified before generation begins.
- Reviewers with subject-matter expertise in the relevant communities are included in the review process for materials that represent those communities.

5. STATE ADOPTION READINESS

- Your AI-assisted workflow has been evaluated against the adoption criteria for your highest-priority target states.
- Quality review documentation is sufficient to demonstrate compliance if an adoption reviewer asks about your production and review process.
- AI-generated content has been tested against the specific requirements (format, evidence standards, bias review documentation) of your most critical upcoming adoptions.

HOW TO READ YOUR RESULTS

Mostly checked	Partially checked	Mostly unchecked
You have a strong foundation. AI can accelerate your work without introducing risk.	You're managing some gaps. The areas left unchecked are where quality risk concentrates.	AI is outrunning your infrastructure. The gap will show up—in review, in adoption, or in the market.

ABOUT SIX RED MARBLES

Six Red Marbles is an educational solutions company with deep expertise in K-12 content development, standards alignment, transadaptation, and editorial quality review. Our AI + HI framework pairs artificial intelligence with human instructional insight at every stage of production.

If you're navigating any of the gaps above, we'd welcome a conversation.