Common Quiz Migration Issues, Screen Readers, Accessibility & Post Migration Checklist

After migration, review all questions for formatting changes. Pay particular attention to Multiple Dropdown questions, Question Groups, images, equations, and answer-key settings, as these may require manual adjustment in New Quizzes. Confirm that question choices can be answered without a mouse.

Common Migration Issues

Table 1: Common Migration Issues

Classic Quiz Feature	Potential Issue After Migration
Multiple Dropdown questions	Converted to **Fill-in-the-Blank** questions. The original dropdown formatting and answer selection behavior may change.
Question Banks	Question Banks may not convert as expected. Check the quiz to make sure the Question Banks were imported as Item Banks and that they appear correctly in the quiz.
Text (No Question) items	Generally migrate as standalone content blocks, but faculty should verify spacing, images, and formatting.
Tables, images, and media within questions	These usually transfer, but formatting can occasionally shift, especially with complex HTML, embedded media, or copied content from Word. Manual review is recommended.
Fill-in-the-Blank questions	Answer tolerances, capitalization settings, and accepted responses may behave differently in New Quizzes. Review grading settings carefully.
Matching questions	Matching items typically migrate, but faculty should verify pairings and scoring.
Question feedback	Feedback generally transfers, but formatting and placement should be checked after migration.

Observed Formatting Issues Identified by Canvas

The issues most faculty encounter are during a migration:

1. **Spacing and line breaks change**
    a. Lists may be compressed.
    b. Blank lines may disappear.
    c. Question stems with extensive formatting can look different.
2. **Images shift position**
    a. Images embedded in question text occasionally move above or below text differently than in Classic Quizzes.
3. **Special characters or equations**
    a. Mathematical notation, HTML symbols, and copied rich-text content should be spot-checked.
4. **Answer choice formatting**
    a. Lettered lists (A., B., C.) embedded in the question stem can occasionally lose indentation or alignment.
5. **Randomization behavior**
    a. If a Classic Quiz used Question Groups for random draws, verify that the New Quiz is pulling questions correctly from the resulting Item Bank.

Screen Readers and New Quiz Question Type Recommendations

Screen readers interpret the underlying structure of a quiz and announce information to the student.

Table 2: Question Type and Screen Reader Recommendation

	Question Type	Accessibility/Screen Reader Recommendation
1	Multiple Choice	Safe
2	Multiple Answer	Safe
3	True/False	Safe
4	Fill in the Blank	Safe

5	Essay	Safe
6	Matching	More complex interactions; confirm students can complete the question without a mouse.
7	Ordering	More complex interactions; confirm students can complete the question without a mouse.
8	Hot Spot	Inaccessible. Not recommended.
9	Stimulus	Dependent on content structured in an accessible format. Use caution.
10	Categorization	Difficult for screen readers. Not recommended.

- **Question types 1-5** lend themselves more naturally to screen reader interaction.
- **Question types 6-10** should be reviewed carefully.

Recommended Post-Migration Checklist

After converting:

1. Open the migrated New Quiz.
2. Review **every question type**.
    a. **Prioritize accessible question types.** Multiple Choice, Multiple Answer, True/False, and carefully constructed Fill in the Blank questions are sensible defaults.
    b. **Avoid Hot Spot questions** when assessing students, unless an equally effective accessible assessment alternative is provided.
    c. **Treat Stimulus questions cautiously.** Consider placing reading passages directly in the question.
    d. **Use meaningful alternative text** for images, including graphs and diagrams. Complex visuals may need extended text descriptions.
    e. **Test keyboard navigation.** Confirm that students can complete the assessment without using a mouse.
        i. Use Canvas Keyboard Shortcuts to test the questions.

   f. **Test with NVDA or JAWS (if possible).** Verify question reading order, response controls, feedback, and submission.
   g. **Coordinate with the Office of Disability Resources** when a question type presents a barrier, rather than relying solely on additional time as accommodation.
3. Check:
   a. images
   b. tables
   c. equations
   d. links
   e. feedback
   f. point values
   g. answer keys
4. Use **Preview** and take the quiz as a student.
5. Verify random question banks/item banks function correctly.
6. Compare total points between the Classic and New versions.