WHAT'S IN A DIGITAL TOOL?

MATH

Digital tools can enhance student interactions and understanding of the content embedded in learning activities.

Many digital tools come preloaded with content such as texts, quizzes, or other activities that support student learning. Before using digital tools that are not part of state-approved instructional materials, educators should evaluate the digital tool for quality of the content.

Use this road map to analyze the content found in a digital tool to determine if it aligns to the Mississippi College- and Career-Readiness Standards (MS CCRS) for the appropriate content area and grade level.

STANDARDS

WHAT ARE YOU TEACHING?

The following are high priority considerations when selecting content in a digital platform:

- Does the content align to **MS CCRS for Mathematics** for the appropriate grade level?
- Does the content match the intent of the standard?

UNSURE? Check out the **MS CCRS Scaffolding Document**.

- Are the learning targets addressed through the problems or activities provided in the platform?

IF NO, STOP!

IF YES, CONTINUE...

FURTHER EXPLORATION

Want to learn more about integrating standards-aligned content and tools to create enhanced learning experiences? Check out the Digital Learning Instructional Guide at **mdek12.org/DLResources.**

Want to know more about high-quality instructional materials? Visit Mississippi Instructional Materials Matter at **msinstructionalmaterials.org.**

RIGOR

HOW ARE YOU TEACHING?

The following are high priority considerations when selecting content in a digital platform:

- Does the content meet the rigor of the MS CCRS for Mathematics?
- Does the platform engage in the **Standards for Mathematical Practice** to address rigor?
- Does the platform use the same or similar content-specific vocabulary as used in the MS CCRS for Mathematics?

Use the verbs of the standard to identify the rigor type(s):

Conceptual Understanding (Example digital activities: virtual manipulatives, models, etc.)

Procedural Skills and Fluency (Example digital activities: fact games, videos on various math strategies, etc.)

Application (Example digital activities: 3-Act Math, PBL activities, etc.)

NOTE: Some standards will contain multiple types of rigor.

UNSURE? Check out this **PD on Demand** on identifying rigor.

IF NO, STOP!

IF YES, CONTINUE...

ACCESS

WHAT SUPPORTS ARE PROVIDED TO STUDENTS?

The following are other considerations when selecting content in a digital platform:

- Does it align with tools that can be used on state **MAAP tests**?
- Does it match your grade level's calculator requirements?
- What is the structure of the available question stems?
- What are the available question-response types?
- Does it meet other considerations found in the **Digital Tool Evaluation Rubric**, such as ease of use, accessibility, privacy, and age-appropriateness?

IF NO, PROCEED WITH CAUTION!

IF YES, TRY IT OUT!

RESOURCES

MS CCRS for Mathematics, Scaffolding Document, and Standards for Mathematical Practice: mdek12.org/secondaryeducation/mathematics

Overview of the MS CCRS for Mathematics PD on Demand: mdek12.org/sites/default/files/Offices/MDE/OAE/OPD/pd_on_demand_math_standards.pdf

Digital Tool Evaluation Rubric and other Digital Learning Resources: mdek12.org/DLResources

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