

Technology resources: Mathematics accessibility for all not accommodation for some

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Abstract

When faculty and learning assistance staff create teaching documents and web pages envisioning the widest range of users they can save time while achieving access for all. There are tools and techniques available to make mathematics visual, orally, and dynamically more accessible through multimodal presentation forms. Resources from Design Science, the National Aeronautics and Space Administration, Microsoft, and Adobe can be used alone or in combination to create dynamic mathematics pages and resources. This article presents a few examples of why faculty and learning assistance professional would make these changes and how the enhanced delivery of mathematics benefits all students.