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Amy Ackerberg-Hastings and **Amy Shell-Gellasch***, 14505 Faraday Dr, Rockville, MD 20853. *Mathematical Devices at the Smithsonian: Ideas for using digital collections in the classroom*. Preliminary report.

Many museums have collections of mathematical and scientific objects. In the past, these collections have often been inaccessible to the general public. However, repositories around the world are now in the process of digitizing their collections and making them available online. The Smithsonian Institution has an extensive collection of mathematical and scientific devices and models housed throughout many of its 19 museums. Those items are currently being digitized and made available via institutional websites, including <http://americanhistory.si.edu/collections/object-groups/> and <http://collections.si.edu>. In this talk we will present an overview of the Smithsonian's online collections and suggest ideas for using these collections in the mathematics classroom. (Received June 09, 2014)