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Resource ID#: 166555

Primary Type: Perspectives Video: Teaching Idea

Crowd-sourced Herbarium Data Transcription

Listen closely as Dr. Austin Mast explains how students can help scientists by transcribing data from real herbarium plant samples.

Related Site: [Notes from Nature](#)

Subject(s): Science
Grade Level(s): 6, 7, 8, 9, 10, 11, 12
Intended Audience: [Educators](#)

Keywords: FSU Herbarium, data, transcription, crowd-sourcing, Austin Mast, Florida State University, herbarium, citizen science, database, plant, plants

Instructional Component Type(s): [Perspectives Video: Teaching Idea](#)

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Related Standards

Name	Description
SC.68.CS-CP.3.1:	Select appropriate tools and technology resources to accomplish a variety of tasks and solve problems. Assess how technology is essential to science for such purposes as access to outer space and other remote locations, sample collection, measurement, data collection and storage, computation, and communication of information.
SC.8.E.5.10:	Remarks/Examples: Florida Standards Connections: MAFS.K12.MP.5: Use appropriate tools strategically; and, MAFS.K12.MP.6: Attend to precision.
SC.912.N.1.4:	Identify sources of information and assess their reliability according to the strict standards of scientific investigation. Remarks/Examples: Read, interpret, and examine the credibility and validity of scientific claims in different sources of information, such as scientific articles, advertisements, or media stories. Strict standards of science include controlled variables, sufficient sample size, replication of results, empirical and measurable evidence, and the concept of falsification. Florida Standards Connections: LAFS.910.RST.1.1 / LAFS.1112.RST.1.1.