STEMEdhub.org – Supporting STEM Education through an Online Resource for All Levels of Education and Users

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Overview

- What is STEMEdhub?
- How can I use STEMEdhub? (Hands on tour)
What is STEMEdhub?

- Created to bring together researchers in STEM disciplines with teachers and the public through various groups and research projects to create online communities of practice.
- Built with a broad focus on STEM education at all levels of education.
What is STEMEdhub?

- With support from NSF STEMEdhub.org came online April 1, 2011
- Based on hubzero.org
  - Joomla open source code for building Web 2.0 websites
  - Over 40 hub websites have been created
- Built with one hub administrator/technology steward with many group administrators
What is STEMEdhub?

**Usage:**

![Graph showing usage over years]

- **Sessions**
- **Users**
- **Pageviews**

**Year 1** **Year 2** **Year 3** **Year 4** **Year 5** **Year 6**

Pageviews: 0, 20000, 40000, 60000, 80000, 100000, 120000, 140000
What is STEMEdhub?

Visitors/Users from around the world
What is STEMEdhub?

Collection of User Groups

• SLEDhub
• Research Goes to School
• Isee
• ELRC (Evaluation and Learning Research Center)
• TransSTEM
• Institute for Accessible Science
• CLEERhub
• Purdue Undergraduate Research Experiences
• Integrating Statistical Analysis and Experimental Design
• Purdue GISDay
What is STEMEdhub?

User Contributed Resources

- Demonstration Videos
- Downloads
- External Links
- Lesson Plans
- Notes

- Publications
- Seminars
- Teacher Reflections
- Teaching Materials
- Tools
What is STEMEdhub?

Key Hub Features Individual and Group Levels

- Collections
- Wikis
- Forums/Discussion Groups
- Calendars
- Citations
- Files
- Projects
- Blogs
- Member Roles
- Messages
Thank you!!

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