

## Celebrating AZ’s Statehood

The *Arizona Experience* celebrates Arizona’s centennial in 2012 by providing a virtual tour of the state. Interactive maps, videos, timelines, oral histories, 3D virtual tours, and articles all bring Arizona’s past, present, and future to life.

- Thirteen themes central to Arizona’s identity are being released throughout the year:
- Land & Celebrates
  - Mining & Minerals
  - Biotech & Life Science
  - Sports & Recreation
  - Energy
  - Water
  - Technology & Aerospace

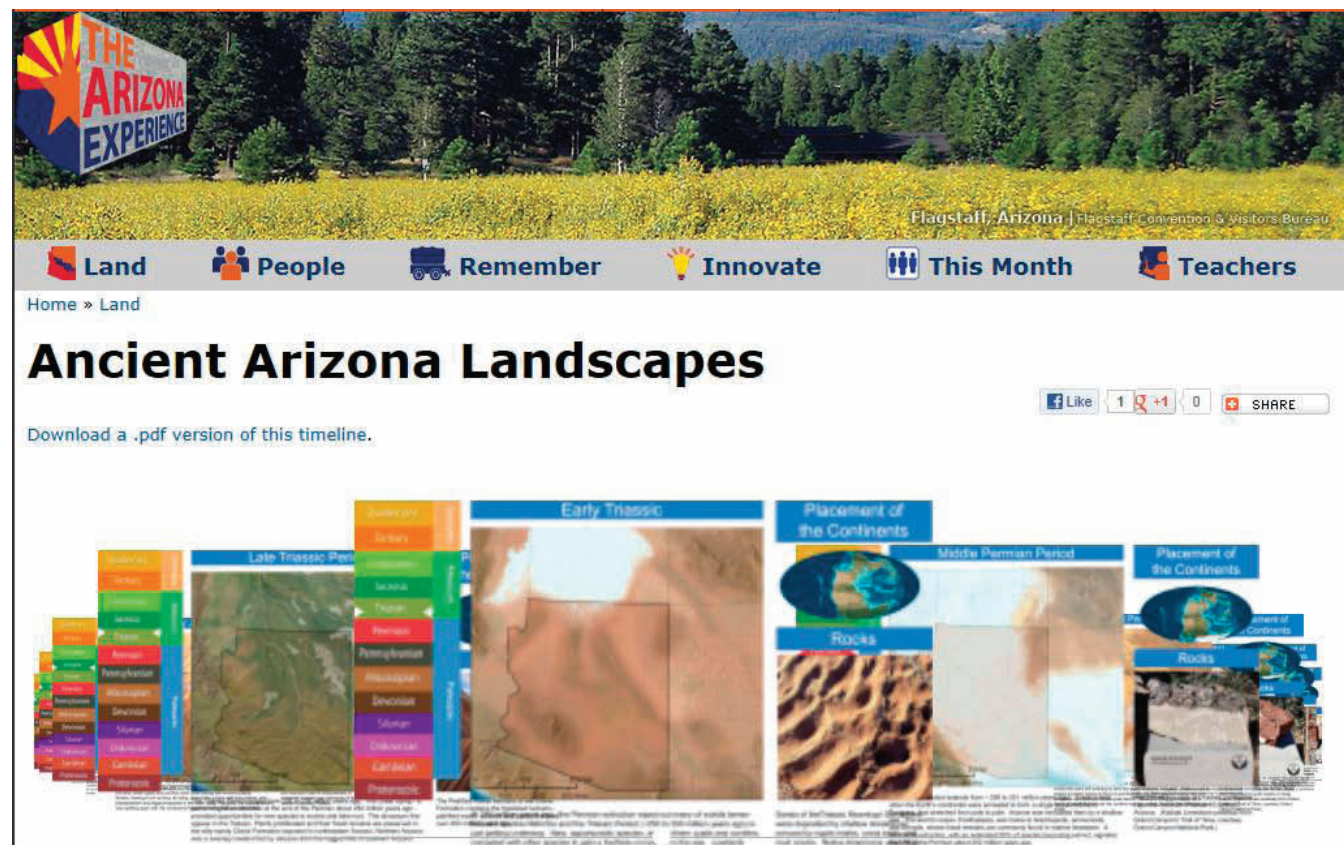
- People & Culture
  - Ranching & Agriculture
  - Native American Culture
  - Astronomy
  - 21<sup>st</sup> Century Workforce
  - Best of 2012

Four broad topics encompass each theme: **Land, People, Remember (History), Innovate.**



This poster focuses on the **Land**. Additional materials can be accessed at [www.ArizonaExperience.org](http://www.ArizonaExperience.org).


## Bringing Science Into the Home & Classroom



Interactive timelines add new dimensions to science and history.

View Arizona from the Miocene Epoch to the Late Proterozoic through Dr. Ron Blakey’s (NAU) Paleogeographic scenes displayed in a slide show timeline or downloadable PDF (left).

In the Mineral History Timeline (below) users can visualize the sequence of mining events that shaped Arizona.



# Online, Interactive, 4D Virtual Museum



## Innovative GIS and Interactive Capabilities

### Interactive Recreation & Cultural Sites



A hallmark of the *Arizona Experience* is the innovative open-source GIS capabilities as displayed in the interactive **Recreation & Cultural Sites Map** (left) and **Iconic Landscapes Map** (below).

General Information on the Maps:

- Served via GeoServer
- Open Geospatial Consortium (OGC) compliant WFS/WMS
- Tilestream & Leaflet
- Hosted on a virtual Amazon Server
- Basemaps are Open Street Map or Custom

Complex time-enabled applications are also deployed, such as the Timeline Map which steps through Arizona’s history.



## Engaging Educators



Follow the **LEARNING** buttons to K-12 lesson plans approved by the AZ Department of Education for use in the classroom.

In addition to finding prepackaged curricula, teachers are challenged to build and implement an original three to seven day lesson plan unit that incorporates content from the *Arizona Experience*. We strongly encourage the use of World Wide Telescope Layerscape, a free online visualization tool.

Contestants must submit their entries by 5:00pm on **Sunday, March 10, 2013**. Entry information is available at [www.arizonaexperience.org](http://www.arizonaexperience.org) under the “Teachers” category, or by scanning the QR code.



## Contact Information & Acknowledgements

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