

ChronoZoom

IN THE CLASSROOM

What is ChronoZoom?

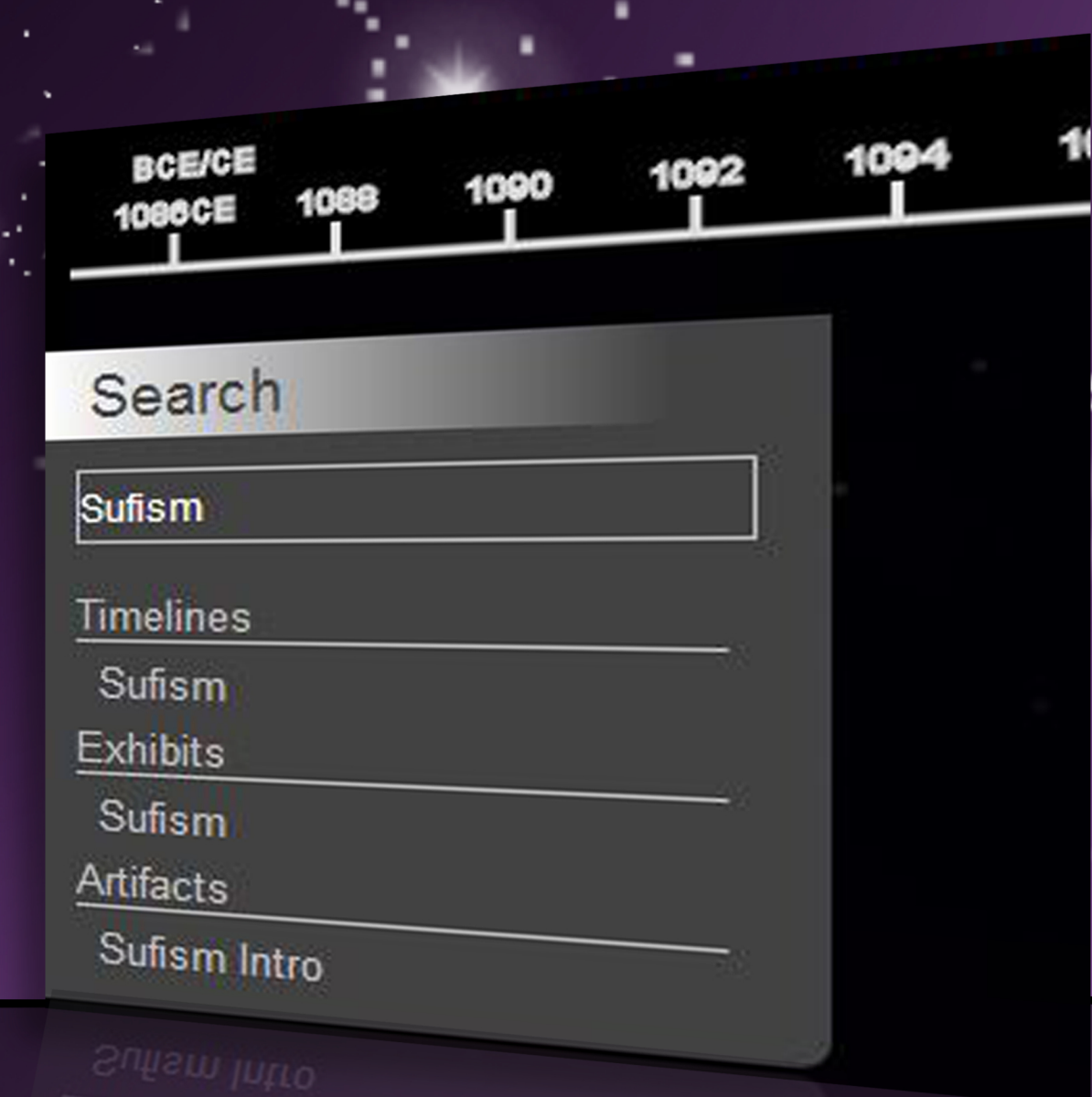
ChronoZoom is an **online time visualization tool** that uses the concept of **zooming** to express the scope of time. You can zoom from a timeline that covers **decades** to one that covers **billions** of years. This is something that a timeline drawn on paper could **never** do!

Problem

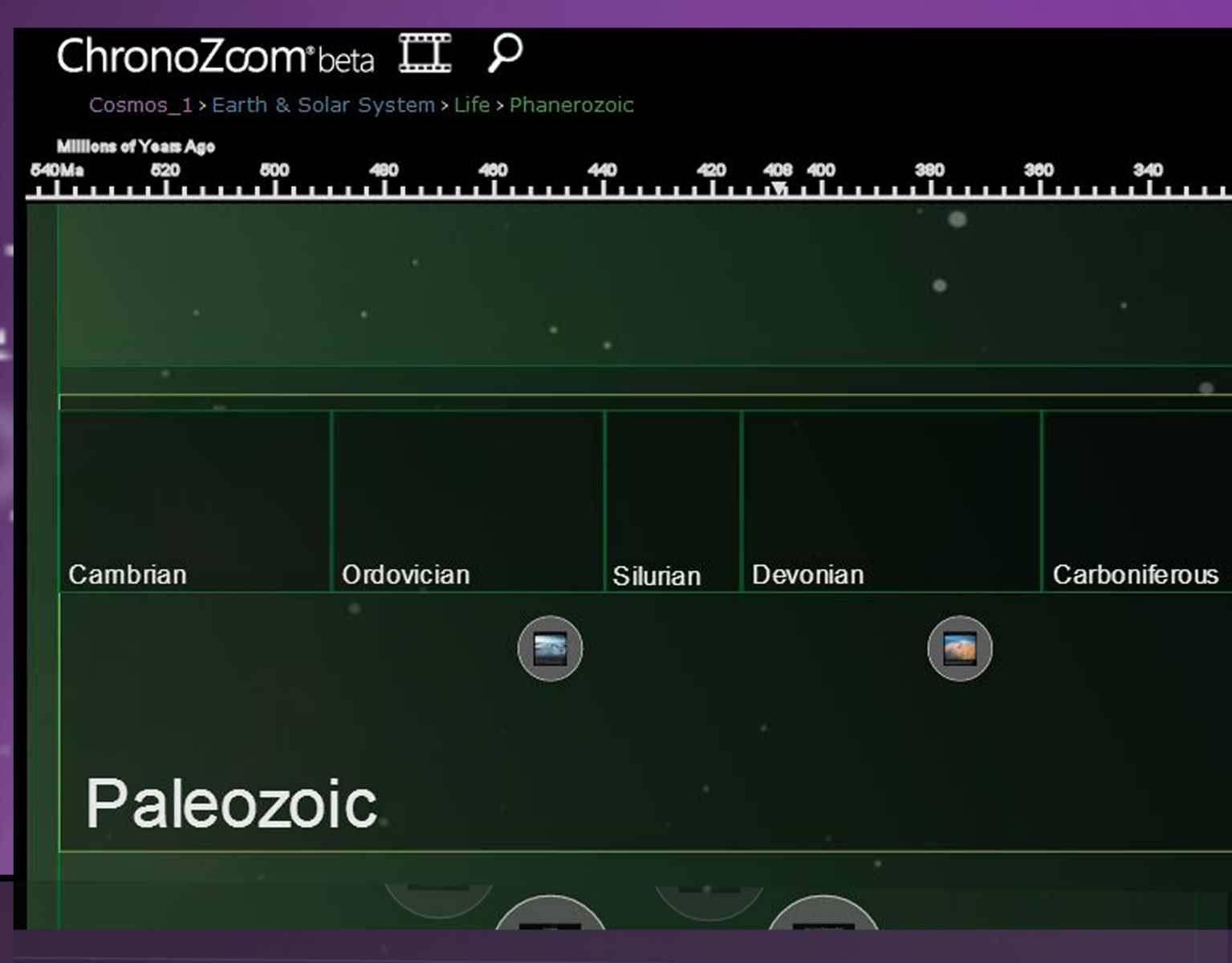
The ChronoZoom project team wants to incorporate this tool into the University of Washington courses. But because ChronoZoom has yet to be implemented into the classroom, there is no basis or previous research on its benefits to the student learning experience.

Methods/Evaluation

We conducted **Interviews** with 2 instructors, **Focus Groups** with 18 students, **Surveys** on 21 students, and **Classroom Observations** on 38 total students



Search:
Enter your search parameters to find the desired Timeline, Tour or Exhibit.



Timelines:
A timeline is a specified period of history, each timeline can be divided into additional sub-timelines.



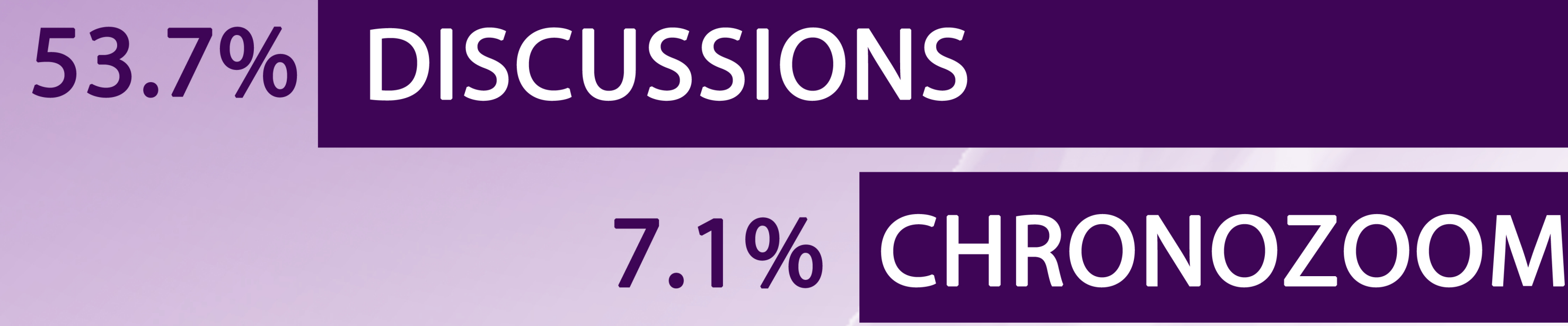
Exhibits:
Collections of multimedia content tied to a specific historical event. Information on a specific topic can include media types: video, audio, text, articles.

OBSERVATIONS AND FINDINGS

Recommended Improvements:

- Ability to compare exhibits.
- User friendly interface for data entry
- Improve User Interface:
 - Navigation and experience

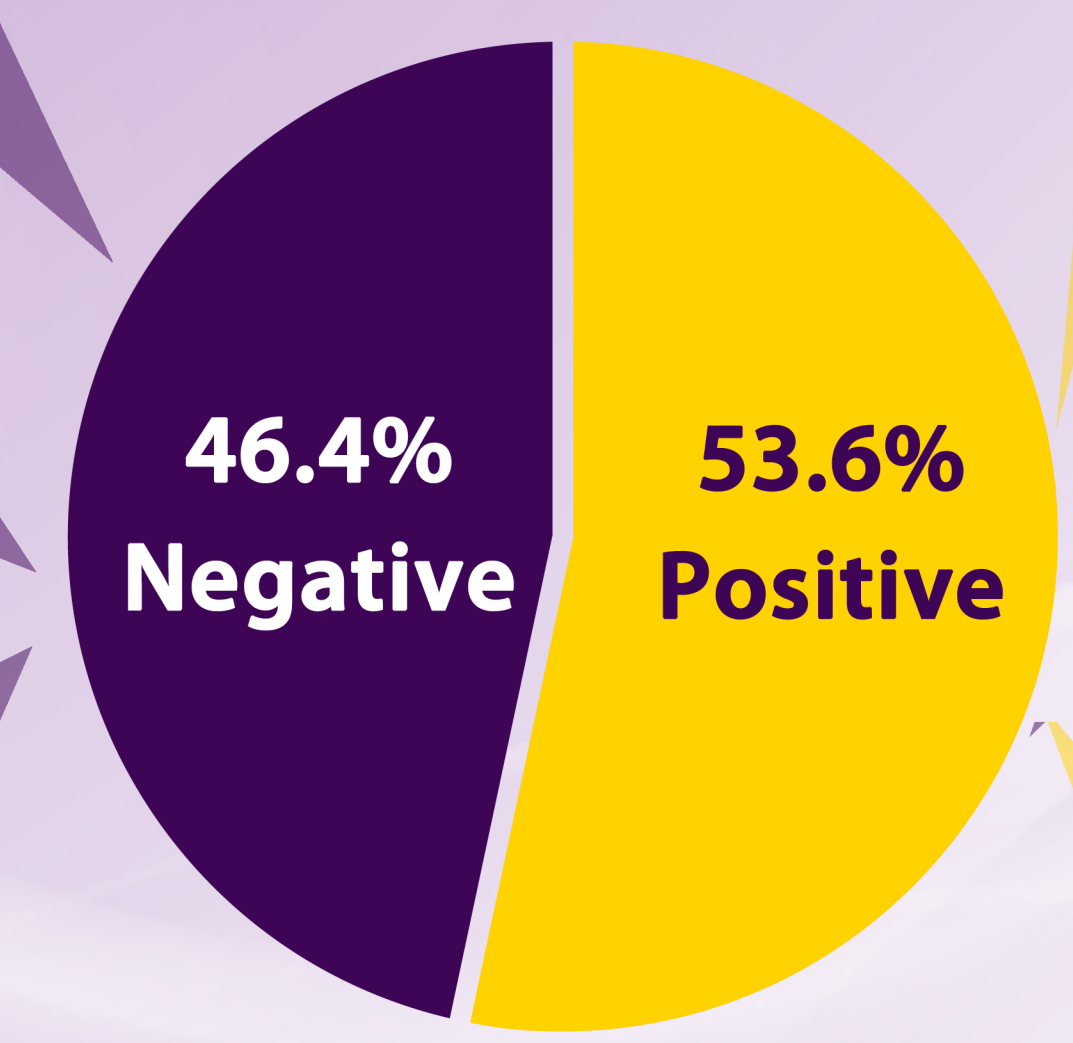
Teaching Methods



"Chronozoom navigation is like dropping your chalk every three words." ~ Instructor 1

"Appealing interface, but using it becomes difficult" ~Instructor 2

"Looks like floating dots in space and that is the extent, there is no way to see the connections " ~ Students



Overall Feedback

"The idea of Chronozoom is a very powerful one for getting students to think about different time economies in natural history." ~ Instructor 1

"It got students to think in terms of specificities in terms of space and time and how they relate to big issues. " ~ Instructor 2

"Can see very quickly visual and relational information" ~ Students