

**University of Kansas  
Kansas Geological Survey - Wichita  
Earth Science Week Toolkit Survey Summary, 2016**

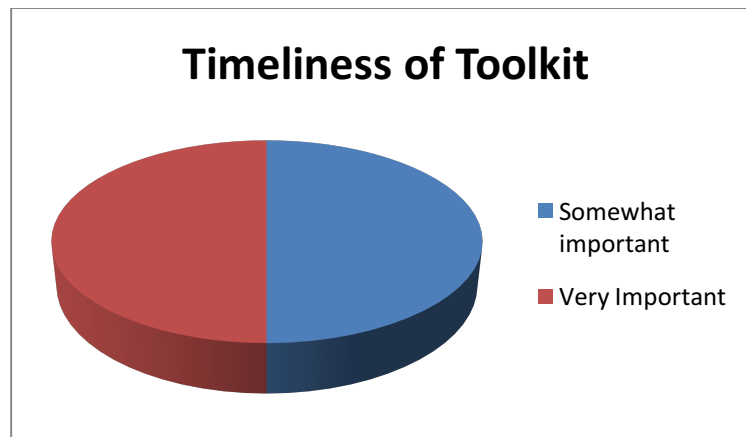
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A survey of nine questions was sent to 47 educators that received the 2016 Earth Science Toolkit entitled, *Our Shared Geoheritage*. A total of five educators completed and returned the survey for a response rate of 11 percent. However, one of the five surveys returned could not be accessed. The following information was based on four collective responses to the Earth Science Week toolkit survey sent to educators from the Kansas Geological Survey, Wichita office.

- Materials were presented to 212 students, with an average number of 53 students per educator. A total of 47 kits were distributed to 28 counties (Figure 1.). If the average student per educator remained constant, it was estimated that 2,491 students were presented with Earth Science Week materials.
- Students in seven grade levels, 9<sup>th</sup> through 12<sup>th</sup>, received the material. The percentage of students in each grade level were:

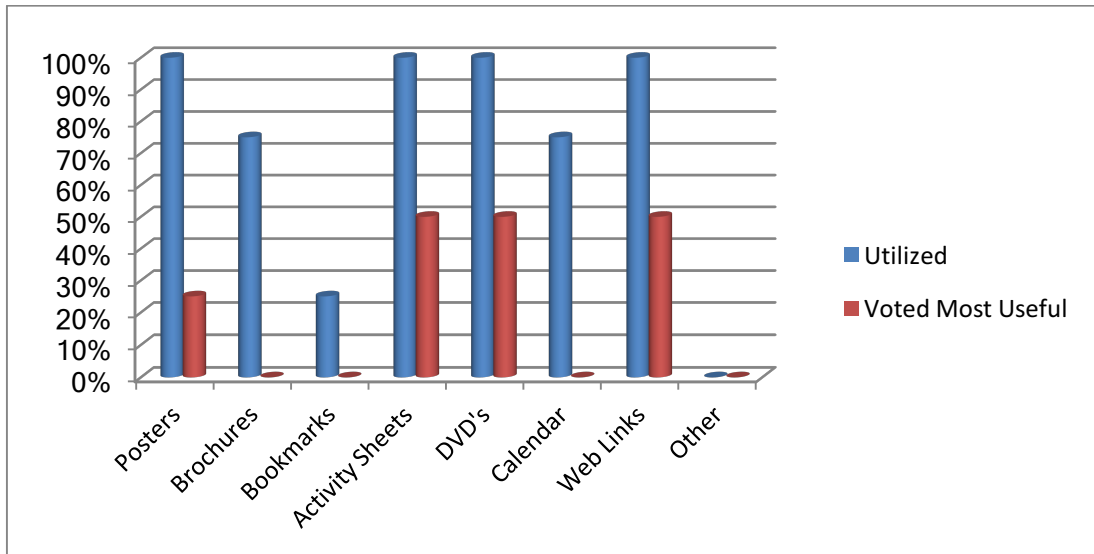
Ninth	Tenth	Eleventh	Twelfth
25%	25%	25%	25%

- Seventy-five percent of the educators used the toolkit material throughout the school year, as opposed to only during Earth Science Week, or at some other point during the school year.
- Fifty percent of the educators felt it was ‘Somewhat Important’ to receive the toolkit material prior to Earth Science Week. The remaining fifty percent felt it was ‘Very Important’ as shown in the following graph:



- Seventy-five percent of the survey respondents indicated they reuse Earth Science Week toolkits from previous years, while twenty-five percent indicated that they did not reuse the material.
- Earth Science Week toolkits were used by educators in the following ways:
  - Displayed one or more of the posters in the classroom – 100 percent
  - Distributed brochures and/or book marks – 75 percent
  - Utilized activity sheets – 100 percent
  - Played the DVD for the students – 100 percent
  - Displayed Calendar – 75 percent
  - Visited the web links for ideas, activities, or additional information – 100 percent

- Toolkit materials used by educators included: posters, brochures, bookmarks, activity sheets, web links, calendar, and DVD's. The chart below shows the percentage of respondents that utilized the materials and those which were viewed as being the most useful item the toolkit had to offer.



- The following comments were provided with regard to the toolkit materials:
- “This was a great kit to use! I wish there was more Kansas Geological History in the packet (i.e. famous people and events). Kansas has a rich geological and paleontological history that I think more students should be aware of and shown how important the state of KS has been instrumental in progressing this area of science.” (12th Science Teacher)
  - “Thank you so much for providing this resource. I am always excited to receive high quality materials for my classroom. The fact that they are free is an added bonus. If the Earth Science week lessons do not coincide with the topic we are covering during that week, I save that material to cover at a future date.” (High School Science Teacher)
  - “Thank you!” (9<sup>th</sup> Grade Science Teacher)
- **SUMMATION:** A total of 47 Earth Science Week Toolkits were distributed from the Wichita office, prior to Earth Science Week. Toolkits were distributed to 28 counties and presented to an estimated 2,491 students. The response was overall very appreciative of the complimentary educational materials. According to the survey responses, the kits were distributed evenly among 9<sup>th</sup> through 12<sup>th</sup> grade classes, and educators believed the posters, DVDs, activity sheets and web links were extremely useful.