

Quest Through the Archives

Directions: After reading the article "[How Earth got its moon](http://www.sciencenews.org)," use the archives at www.sciencenews.org to answer these questions:

1. Isotopic analysis is one tool for comparing the origin of different materials. Isotopes of elements are also used in radioactive dating to determine the age of materials and artifacts. Search for another article, in addition to "How Earth got its moon," that discusses how researchers use isotopes to help determine when Earth's moon formed. What isotopes did the article mention were used for dating purposes?
2. The Apollo missions provided samples of moon material that helped researchers form hypotheses about the moon's origin. Search for an article about the return of the Apollo 11 mission. What information about the moon was determined from collected materials?
3. Search for another article that discusses the moon's composition and explain it.