

Name _____ Period _____

Title: Isotopic Dating

Introduction: You may have heard news stories of discoveries of objects made or from the ancient world. Almost always, an isotopic dating process is mentioned as the way the finders have discovered the age of the item. You may have also heard that dishonest people sometimes make fakes of antiques or rare old objects. Isotopic dating can uncover these forgeries also. In this activity, you will investigate a well known object from the past and see how isotopic dating uncovered valuable information about it.

Choose from the following topics:

- | | |
|-----------------|-----------------|
| City of Pompeii | Mammoths |
| Shroud of Turin | Neanderthals |
| Iceman | First Americans |
| Mummies | Piltown Man |
- Choose your own topic with teacher approval.

Answer each question completely. Be prepared to share your findings with your class.

Who Cares? What makes this topic interesting? Why is it important to know about it?

What? What techniques were used to find out how old your subject is?

Other Events? What other discoveries have been found using isotopic dating?

Describe. What did you found interesting about your topic?

What's going now? What is the most current information on the subject?

When? When was it discovered? Tell about a find.

What more? What other information did you find out in your research?

Draw or paste or tape a picture, diagram, data table, etc. That pertains to your topic below.