

## How Scientists Study Aging

Lesson Title: Aging 2: How Scientists study Aging

Page 1 of 2

Name: \_\_\_\_\_

Read the following article to understand more about the theories of aging and how scientists learn about aging.

- *Defying Death* [http://whyfiles.org/057aging/lo\\_cal.html](http://whyfiles.org/057aging/lo_cal.html)

As you read the article, answer the questions below. Be prepared to discuss your answers with the class.

1. What do scientists mean by “undernutrition without malnutrition?”
2. What were the results of the tests on rats and monkeys when their caloric intake was reduced by 30 percent?
3. What did the experiment restricting the amount of calories monkeys received indicate about their ability to learn tasks?
4. Why might this caloric restriction diet not work on people?
5. How might this research be applied to people?
6. What effect did the caloric restriction experiments on rats and mice have on tumors? What theory do scientists have for this effect?

