

World of Wonder

Educational Standards and Suggested Activities

Release week June 20, 2010: Carbon

Standards

- *Current Events*: Students will report on carbon-based fuels in the news.
- *Science*: Students will chart the elements in human bodies.
- *Science*: Students will report on carbon nanotubes.

Activities

1. *Use the News*: Carbon is the main component of most of the fuels we use to power our society. Try and find newspaper articles that report on these fuels. Identify and share a summary of what you read. What fuel is mentioned? Why is it in the news?
2. Carbon makes up about one-quarter of the human body. What other elements do we consist of? Research and make a pie chart displaying the various proportions of elements in our bodies.
3. Carbon nanotubes have the potential to be one of the most exciting discoveries of this century. What are they? What can they be used for? Research and write a description of one or two of these uses. There are many!

World of Wonder meets many state educational standards. This guide helps teachers identify standards and related activities generally intended for Grade 6, but teachers can modify activities to the appropriate grade level.