**ENRICHMENT: CERN Internet Activity**

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* Open your web browser and go to <http://exploratorium.edu/origins/cern/ideas/index.html>
* Click on “Big Bang”
* Scroll through the pages and answer the questions below.
1. What is the Big Bang?
2. How do we know the Big Bang happened?
3. What are physicists using to recreate the Big Bang?

Go back to the Main Page (index) and click on “The Higgs Boson”

1. What is the Higgs Boson?

Click on the image to the left to see the cartoon explanation…

1. Explain what you see in the cartoon… What does the Higgs do?
2. Try and create your own example of what the Higgs is. (using the previous analogy)

**ENRICHMENT: Theory of Relativity Internet Activity**

* Open your web browser and go to <http://www.onestick.com/relativity/>
* Read the “journal” and go through each of Al’s relativistic adventures, answering the questions as you go.
* When you are finished, you will be able to print out a “certificate” stating you have completed the activity. Print this and turn it in for credit!