

## Study assignment for: 'How small is the smallest particle?'

Complete the following steps:

1. Read the text.
2. Underline the most important sentence in each paragraph.
3. Circle a difficult word in each paragraph.
4. You will receive a number that refers to a paragraph.

For that paragraph do the following:

- Make a blue word card
    - on the front is the word you circled
    - on the back is the definition of the word as given in a dictionary
  - Make a red study card
    - on the front is a question you formulated about the paragraph
    - on the back is the answer to the question
  - Make a white illustration card
    - on the front is an illustration
    - on the back is an explanation about the illustration
5. Write your name on each card in the bottom right corner.
  6. All cards are placed around the text.

You have just learned a way to examine a text: by making a word card, study card and illustration card, you can acquire a better understanding of the text's content. You have now studied the text with the whole group and have made it possible to learn the information. Soon you will receive a test and to prepare for the test you can use these study cards.

## Table of content:

1. Introduction
2. History
3. Proof for atoms
4. World record in small writing
5. Empty
6. Propeller
7. Electrons
8. Atomic nucleus
9. Protons and neutrons
10. Figure it out! Demolish
11. The largest cannon in the world-1
12. The largest cannon in the world-2
13. Seven rounds around the world
14. Detector
15. Universe
16. Applications
17. What is the fastest?
18. New particles
19. Strange
20. Higgs boson-1
21. Higgs boson-2
22. Ivo van Vulpen and Rosemarie Aben