Quiz



Welcome to the MASTERCLASSES QUIZ!

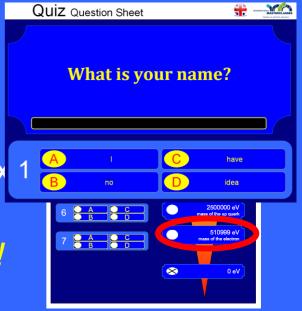
Rules of the Game

- 7 questions, 4 answers to choose (A,B,C,D)
- mark your answer on your answer sheet before the timer ends!
- moderators will then reveal the correct answer
- if you have answered correctly, you may tick off the nex 1 energy level

Let's check which energy level you can reach!

Please note:

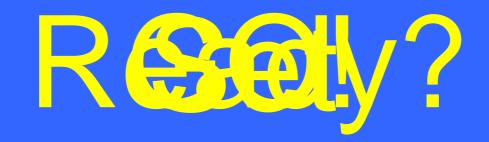
- this quiz is for fun, not for competition!
- we won't compare results







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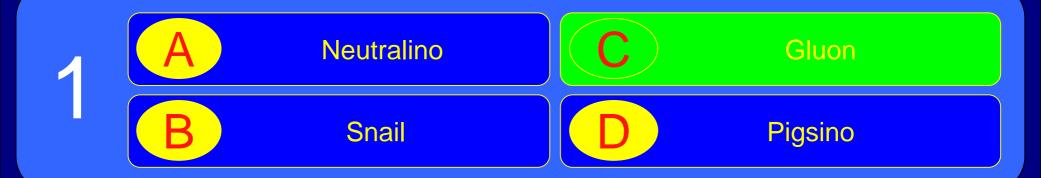








Which particle is the mediator of the Strong Force?

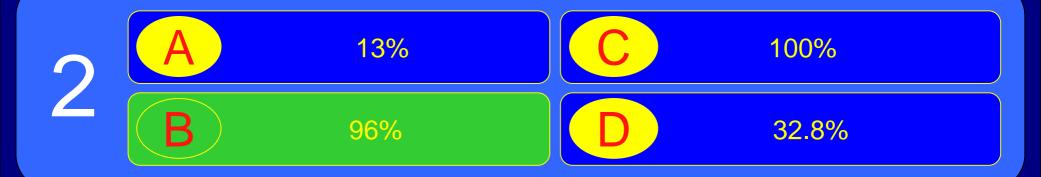








What percentage of all the matter and energy in our Universe do we know almost nothing about?



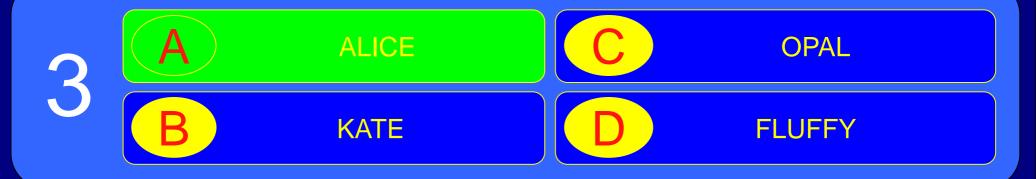








Which of the following is an experiment at the LHC?











Which two people won the Nobel Prize for Physics in 2013?

Stephen Hawking & Marie Curie



Francois Englert & Albert Einstein

Peter Higgs & Stephen Hawking

Peter Higgs & Francois Englert









Which of the following technological innovations was invented at CERN?









During a long run, where the proton beams might circulate for up to 10 hours, how far will these protons have travelled? (if they have not interacted of course)

The distance from CERN to the sun and back

The distance from CERN

to the center of Geneva



The distance from CERN to Neptune and back



The distance around the circumference of the Earth



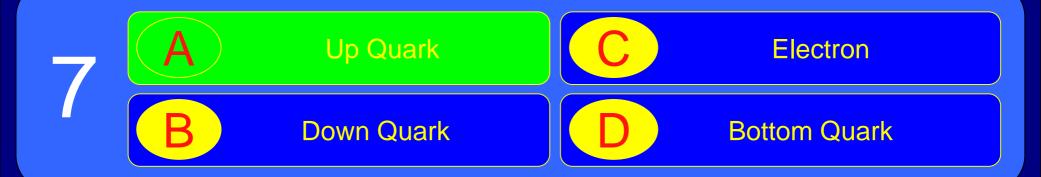






FINAL QUESTION:

Which elementary particle is most common in your body?







End of Quiz

What's your energy level?

We hope you had fun!