



[www.BrainCake.org](http://www.BrainCake.org) is an online sisterhood for girls 11 – 17 and stakeholders focused on girls' inclusion in the areas of math, science, technology, and engineering. BrainCake.org features programs, scholarships, virtual mentoring, girl blogs, podcasts, homework help, research and resources in a framework that integrates pop culture, science, and learning.

Girls engage in forums around interesting questions. Here's what girls said about the way they see their future involving the sciences.

**Engineering, computer science, mathematics. These topics seem to be at the foundation and expandable into many careers. What do you think you can do with these subjects?**

With engineering you can build space shuttles and cars. Computer science and mathematics are big too. Without them people couldn't build telescopes, computers, satellites, iPods, and basically anything else that makes a human life interesting. Astronomy is my passion so I think that without any of those sciences we would all be confined to the earth and twiddle are fingers. – **9muses [11.07]**

I think that math science and engineering can help you in many things. Even Art. They can take you just about anywhere!!!! - **Chic95 [10.07]**

These subjects can help you with these careers if you are good at them and get you to win the Nobel Prize or an award to anything you are good at...It doesn't mean that you are an nerd. It means that you are good at something... – **aiz101 [7.07]**

These subjects can take you into just about any company imaginable. You can create make-up, build rides for Disney, come up with a better formula for business structure, be a daring fashion designer, create gum that doesn't lose its flavor after 5 minutes... the list is endless. Apply design to each of these topics and you have the makings of an amazing career. – **Roselvy [3.07]**

Interesting question. Since I want to go in to Comp Sci and Engineering, it is extremely significant in my case. What anyone could do with these subjects is generally amazing. All programs, in my humble opinion, have a cool factor about them. Plus, since these subjects all

depend on each other, you can't go one without the other. With this, I think I would be able to create ground breaking, as well as cute aspects to a robot.

What could this robot do? Perhaps it could entertain through interaction. Another version might be able to teach new languages, through humility and fun ways of learning! (No one /really/ wants to learn a language through a book, do they? What about a practical robot? Perhaps one that could count pills, to be used in a small pharmacy?

All robots can benefit the society, as long as proper ethics are put into account. – **RobotGrrl [9.07]**

I think math, science and engineering can take you just about anywhere. If you know these topics, you can design things, build things invent things... but if you don't you can be pretty stuck. I can't think of any career that doesn't involve math. – **karategirl [6.07]**

Though these subjects make for good science-related careers as they are, they can be expanded into the arts world. For instance, an engineer could write a book on her most incredible endeavor, or a computer scientist could design new tools to create art using the computer. Who ever said that a scientist had to stick to the laboratory? - **sweetgirl [5.07]**