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### 3D Printing

So for this assignment, we had to take an article that related to 3D printing and talk about it. I chose to read the article “The 3D printing revolution” which was written by Laura Ferguson. Overall, this article talks about how 3D printing is making life easier by changing economics and creating many different parts that require little to no assembly. The article centers around Keith Moore, who is the vice president of research and development at HP labs and how he visited the school of engineering and in the article it states, “Moore, visiting the School of Engineering as part of the Engineering Dean’s Lecture series, described how 3D printing is revolutionizing medical, manufacturing, and consumer domains, and framed “compelling applications”—from hearing aids and dental implants to car parts and new kinds of fabrics—with a historical and philosophical perspective.” This quote shows that as technology continues to progress, the 3D printing continues to service the people in many ways whether it be medical parts such as dental implants like crowns, bridges, and dentures and even more important things such as braces and customized partial and total knee replacements or even parts for car vehicles that will make the jobs of many people easier.

The article also goes on to talk about how “transformative” 3D printing is according to Keith Moore. The article goes on to state, “The rise of 3D printing also radically changes consumer goods, including distribution and supply chains. In that arena alone, 3D printing is “transformative,” he said. “Right now the model to make anything in the consumer world would be to print a million or 100,000 of these,” he said, holding up a snap that might be used on a backpack.” And “But you don’t have to,” he said. “And you don’t have to store it anymore. If you’re missing your dishwasher part, and you need to replace it, you just reprint it. So you’ll see more localized manufacturing.” This excerpt alone shows how innovative that 3D printing is and how it leads to a lot of convenience when you’re in a situation.

<https://now.tufts.edu/articles/3d-printing-revolution>