**The Impact of JavaScript on Web**

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JavaScript is the most popular programming language in the world. It is also known as ECMA-262 both meaning the same thing. Most people have no idea what ECMA-262 means but the word JavaScript rings a bell too most millennial. The evolution of society and the integration of basic computing into child development within the schools in our great country spreading computing knowledge because it is the future and it is obvious. When I was in school my first computer class was in high school and it was basic typing and business email classes. The classes I took where very basic and done on basic computing systems. My six-year-old daughter takes yearly aptitude tests on the computer with her teachers help and as she and my son stumble through the educational advances of today they well learn so much more then I was ever offered. I have been told that most high schools offer JavaScript and CSS classes now that is incredible.

Lets go into what exactly is JavaScript. JavaScript is an object-oriented computer programming language commonly used to create interactive effects within web browsers. When the World Wide Web was developed it started out as a boring static one-page site. It was basically a poster it was amazing at the time but like all things living or being produced there was a lot of room for improvement. And JavaScript was created so that clients could interact with the Website over time. This was a huge step in the evolution of Web. This allowed the creator to not only captivate and appeal to the masses of eager users. But also gave him the ability to gather information. Even store the information for later use.

When I first heard of JavaScript I thought it was the same thing as Java. I had used Java to run a computer game back in my teenage years. Key differences between Java and JavaScript are Java is a programming language while Java Script is a scripting language. Java creates applications that run in a virtual machine or browser while JavaScript code is run on a browser only. Java code needs to be compiled while JavaScript coding is all in text. And it is still confusing but starting to make sense.

[Incorporating JavaScript into a web page](http://javascript.about.com/od/hintsandtips/a/whyjavascript.htm) allows you to improve your visitor's experience of the web page by converting it from a static page into one that can interact with them. Basically turning the web from a electronic book into a research, question answering, multi functional super brain. One important thing to remember though is that not everyone visiting your page will have JavaScript and so your page will still need to work for those who don't have JavaScript. You use JavaScript to make your page work better for those who have it. As time goes on and technology advances so will JavaScript. Sometimes the unthinkable is thought of and produced and with the evolution of the web the spread of ideas is at an all-time high. The ability to get backing for those ideas is now obtainable with the webs development also.

Citation:

Chapman, S. (n.d.). What is JavaScript Used For? <http://javascript.about.com/od/reference/a/javascriptpurpose.htm>