# DWA\_02.8 Knowledge Check\_DWA2

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1. What do ES5, ES6 and ES2015 mean - and what are the differences between them?

ES5, ES6, and ES2015 are all references to different versions of the ECMAScript (ES) standard, which is the standardized specification for JavaScript

* ES5-ES5: ECMAScript 5 (ES5) is the fifth edition of the ECMAScript standard, which was released in 2009. It introduced several new features and enhancements to JavaScript, including strict mode, array methods like forEach, map, and reduce, JSON support, getters and setters for object properties, and more.
* ES6-
* ES2015

Differences

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2. What are JScript, ActionScript and ECMAScript - and how do they relate to JavaScript?

* JScript-reverse engineered JavaScript created Microsoft
* ActionScript
* ECMAScript-a general purpose, cross-platform programming language which was adopted by Netscape and Microsoft in 1997.

How are they related to JavaScript

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3. What is an example of a JavaScript specification - and where can you find it?

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4. What are v8, SpiderMonkey, Chakra and Tamarin? Do they run JavaScript differently?

* V8 is a free and open source JavaScript and WebAssembly engine developed by the Chromium Project for Chromium and Google Chrome web browser.
* SpiderMonkey is an open-source JavaScript and WebAssembly engine by Mozilla Foundation.
* Chakra is a proprietary JScript engine developed by Microsoft. It is used in the Internet Explorer Web browser.
* Tamarin is a discontinued free software virtual machine with just in time compilation(JIT) support intended to implement the 4th edition of the ECMAScript(ES4) language standard.

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5. Show a practical example using [**caniuse.com**](http://caniuse.com/) and the MDN compatibility table.

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