JavaScript vs TypeScript (vsdiff.com)

Criteria	JavaScript	TypeScript
Typing System	*Dynamic*	*Static*, with optional typing
Compilation	*No compilation required*	*Compiles to JavaScript*
Error Detection	*Runtime*	*Compile-time*
Learning Curve	*Relatively easier*	*Moderate; requires understanding of typing*
Browser Compatibility	*Natively supported*	*Transpiled to JavaScript for compatibility*
Community Support	*Very large*	*Growing rapidly*

Source: