Certainly! **TypeScript** is a programming language that extends JavaScript by adding static typing, making it easier to catch errors during development. Here’s a concise definition:

[**TypeScript** is a **superset of JavaScript** that introduces **static typing** and additional features while maintaining compatibility with JavaScript syntax and capabilities](https://www.w3schools.com/typescript/typescript_intro.php) [1](https://www.w3schools.com/typescript/typescript_intro.php)[2](https://builtin.com/software-engineering-perspectives/typescript).

For free TypeScript learning resources, here are five reference links:

1. **W3Schools TypeScript Tutorial**: This interactive tutorial covers TypeScript basics, syntax, and examples. [You can practice directly in their editor](https://www.w3schools.com/typescript/typescript_intro.php) [3](https://www.w3schools.com/typescript/index.php).
2. [**FreeCodeCamp TypeScript Basics**: A beginner-friendly video tutorial to get you started with TypeScript](https://www.w3schools.com/typescript/typescript_intro.php) [4](https://www.freecodecamp.org/news/learn-typescript-basics/).
3. [**Total TypeScript Tutorials by Matt Pocock**: Explore exercise-driven tutorials on topics like solving TypeScript errors, React with TypeScript, and more](https://www.w3schools.com/typescript/typescript_intro.php) [5](https://www.totaltypescript.com/tutorials).
4. [**Microsoft Learn TypeScript Crash Course**: Matt Pocock provides a crash course on TypeScript, covering essential concepts](https://www.w3schools.com/typescript/typescript_intro.php) [6](https://learn.microsoft.com/en-us/shows/vs-code-livestreams/typescript-crash-course-with-matt-pocock).
5. [**gitconnected TypeScript Tutorials**: Discover a collection of TypeScript videos, articles, and interactive coding resources](https://www.w3schools.com/typescript/typescript_intro.php) [7](https://gitconnected.com/learn/typescript).

Happy learning! 🚀🔍