***Java Script Quick Study Guide***

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| Sr. No. | Topic | Resource |
| 0 | Java script crash course | [Link](https://www.youtube.com/watch?v=htznIeWKgg8&pp=ygUXamF2YXNjcmlwdCBjcmFzaCBjb3Vyc2U%3D) |
| 1 | Object Oriented Principles | [Link](https://www.youtube.com/watch?v=pN-Qmv4zBcI&t=83s&pp=ygUaamF2YXNjcmlwdCBvYmplY3Qgb3JpZW50ZWQ%3D) |
| 2 | How does Java script attain async behaviour when it is single threaded? (Event – Loop) | [Link](https://www.youtube.com/watch?v=eiC58R16hb8&pp=ygUVamF2YXNjcmlwdCBldmVudCBsb29w) |
| 3 | Explain how ‘this’ works in Java script | [Link](https://www.youtube.com/watch?v=gvicrj31JOM&pp=ygUXamF2YXNjcmlwdCB0aGlzIGtleXdvcmQ%3D) |
| 4 | Difference between normal functions and arrow functions. | [Link](https://www.youtube.com/watch?v=q9IsqhYZ4ck&pp=ygUZamF2YXNjcmlwdCBhcnJvdyBmdW5jdGlvbg%3D%3D) |
| 5 | What are promises? | [Link](https://www.youtube.com/watch?v=VLiE5tyfko4&t=8s&pp=ygUTamF2YXNjcmlwdCBwcm9taXNlcw%3D%3D) |
| 6 | What is async-await? | [Link](https://www.youtube.com/watch?v=V_Kr9OSfDeU&pp=ygUWamF2YXNjcmlwdCBhc3luYyBhd2FpdA%3D%3D) |
| 7 | What is a callback function? | [Link](https://www.youtube.com/watch?v=03lLCa3KbuI&pp=ygUdamF2YXNjcmlwdCBjYWxsYmFjayBmdW5jdGlvbnM%3D) |
| 8 | What is a closure? | [Link](https://www.youtube.com/watch?v=WxYmFqHrf5o&t=20s&pp=ygUSamF2YXNjcmlwdCBjbG9zdXJl) |
| 9 | Questions on array methods – filter, map, reduce | [Link](https://www.youtube.com/watch?v=R8rmfD9Y5-c&pp=ygUYamF2YXNjcmlwdCBhcnJheSBtZXRob2Rz) |
| 10 | What is currying? | [Link](https://www.youtube.com/watch?v=VK36OsyPeUw&list=PLinedj3B30sDFRdgPYvjnBs2JsDdHPIMv&index=24&pp=iAQB) |
| 11 | What is composition? | [Link](https://www.youtube.com/watch?v=DKce5yj2ADM&list=PLinedj3B30sCZRV74kZrnOXU9zVdKY68w&index=4&pp=iAQB) |
| 12 | How does java script code run? | [Link](https://www.youtube.com/watch?v=ByhtOgF6uYM&t=1093s&pp=ygUUamF2YXNjcmlwdCBjYWxsc3RhY2s%3D) |
| 10 | What is debouncing and throttling? | [Link](https://www.youtube.com/watch?v=cjIswDCKgu0&pp=ygUfamF2YXNjcmlwdCBkZWJvdW5jZSB2cyB0aHJvdHRsZQ%3D%3D) |
| 11 | What is prototypal inheritance? | [Link](https://www.youtube.com/watch?v=wstwjQ1yqWQ&pp=ygUgamF2YXNjcmlwdCBwcm90b3R5cGUgaW5oZXJpdGFuY2U%3D) |
| 12 | **Tricky java script context questions** | [Link](https://www.youtube.com/watch?v=kl7ActKCQIU&pp=ygUeamF2YXNjcmlwdCBpbnRlcnZpZXcgcXVlc3Rpb25z) |