Litteratur

[EJ]   https://eloquentjavascript.net/Eloquent_JavaScript.pdf
[W3]   https://www.w3schools.com/
[MDN] https://developer.mozilla.org/en-US/docs/Web

Fagplan

Lektion	Emne	Litteratur
1	JavaScript introduktion VS Code og Node	[EJ] Introduction og kap. 1 – 2
2	Funktioner Arrays, strings, Math Objekter	[EJ] kap. 3 og kap. 4 (ej JSON)
3	HTML CSS	[EJ] kap. 13 og kap. 14 [W3] HTML http://www.w3schools.com/html/Links to an external site. se specifikke links i HTML.pdf [W3] CSS http://www.w3schools.com/css/Links to an external site. se specifikke links i CSS.pdf
4	DOM	[EJ] kap. 14 [W3] JavaScript : https://www.w3schools.com/js/js_htmldom.asp https://www.w3schools.com/js/js_htmldom_nodelist.asp https://www.w3schools.com/jsref/dom_obj_all.asp
5	Events Form Elements	[EJ] kap. 15 side 243 – 249 midt og 254 – 255, samt kap. 18 side 315 – 323 http://www.w3schools.com/tags/ref_eventattributes.asp https://www.w3schools.com/html/html_forms.asp http://www.w3schools.com/html/html_form_elements.asp http://www.w3schools.com/html/html_form_input_types.asp http://www.w3schools.com/html/html_form_attributes.asp http://www.w3schools.com/jsref/met_win_alert.asp http://www.w3schools.com/jsref/met_win_confirm.asp http://www.w3schools.com/jsref/met_win_prompt.asp
6	Mini-projekt 1	Yatzy
7	Mini-projekt 1	Yatzy
8	Test Arkitektur	https://dev.to/bushraalam/introduction-to-testing-with-mocha-and-chai-57po

		https://masteringjs.io/tutorials/mocha/intro https://masteringjs.io/tutorials/mocha/chai Baggrundsmateriale: https://mochajs.org/ https://www.chaijs.com/guide/
9	Højere ordens funktioner Fejlhåndtering	[EJ] kap. 5 [EJ] kap. 8 side 128 – 138
10	Prototyper Constructor funktioner Class notation	[[EJ] kap. 6 side 97 – 106 og side 110 – 114, samt kap. 8 side 138 – 140 [MDN] https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array
11	Asynkron programmering	https://www.w3schools.com/js//js_callback.aspLinks to an external site. https://www.w3schools.com/js//js_asynchronous.aspLinks to an external site. https://www.w3schools.com/js//js_promise.aspLinks to an external site. https://www.w3schools.com/js//js_async.aspLinks to an external site. [EJ] kap. 11 side 180 – 191 og side 194 – 196
12	Asynkron programmering	
13	JSON HTTP RESTful Web Services	[EJ] kap. 4 side 77 – 78 [EJ] kap. 18 side 311 – 315 Alex Rodriguez: RESTful Web services: The basics, IBM 2015 (uploaded)
14	Node.js Express	[EJ] kap. 20 side 350 – 357 https://www.digitalocean.com/community/tutorials/how-to-create-a-web-server-in-node-js-with-the-http-moduleLinks to an external site. [Express] https://expressjs.com/ – Getting started og Guide
15	Templating	https://pugjs.org/api/getting-started.html https://pugjs.org
16	Session	https://www.section.io/engineering-education/session-management-in-nodejs-using-expressjs-and-express-session/ https://www.npmjs.com/package/express-session
17	Firestore	https://www.freecodecamp.org/news/the-firestore-tutorial-for-2020-learn-by-example/ https://firebase.google.com/docs/firestore især "Understand Cloud Firestore", "Add and mange data" og "Read data" afsnittene Læg mærke til, at der er forskellige måder at tilgå firestore på.

		(Vælg mellem fanerne Web version 9 og Web version 8 under f.eks. "Add and mange data")
18 – 22	SUM-projekt vejledning	
23-24	Repetition Evt. prøveeksamen	