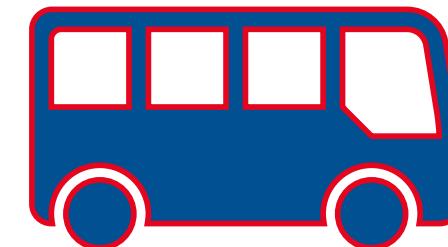




IDEAS Onboarding

Onboarding the IT-Line

BEE / Tester

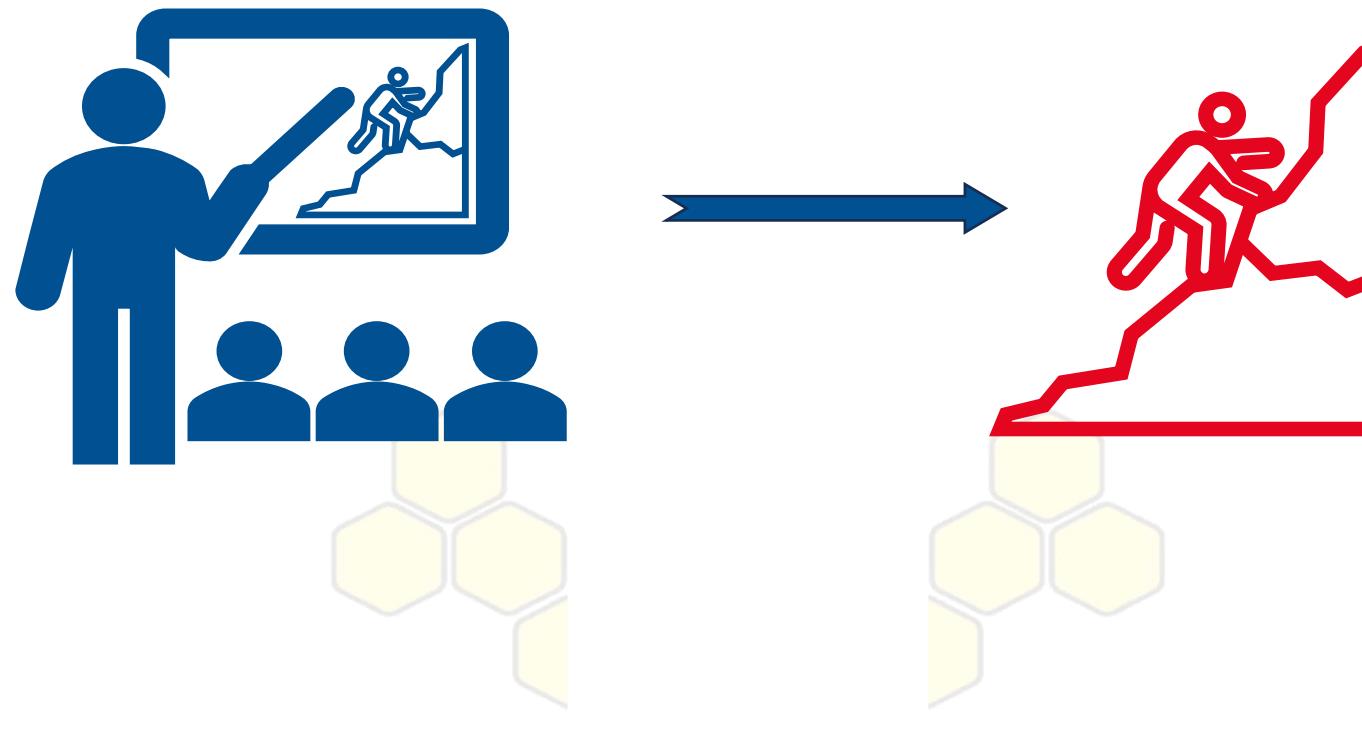




IDEAS Onboarding

*“Tell me and I forget, teach me and I may remember,
involve me and I learn.”*

Benjamin Franklin

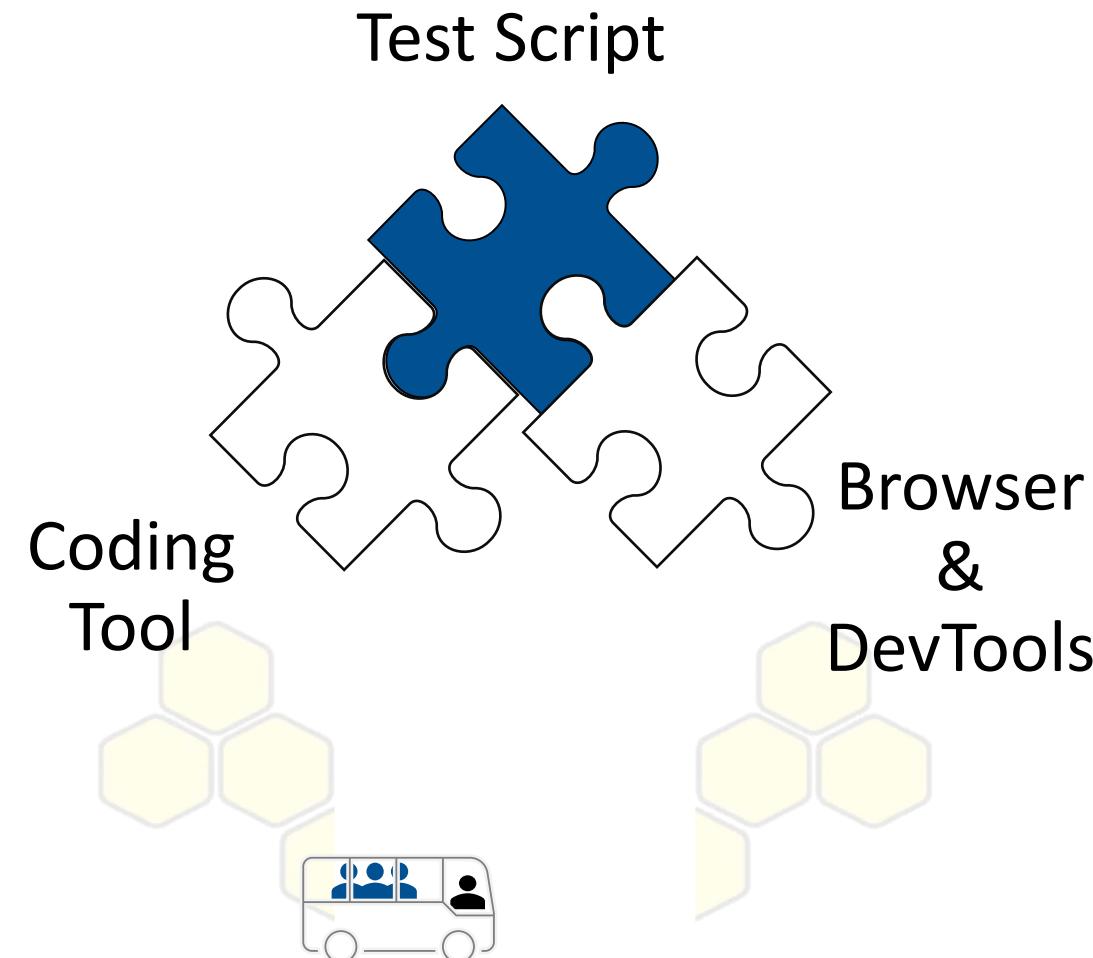




IDEAS Onboarding

test

Key interactions of scripting





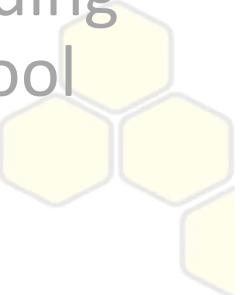
IDEAS Onboarding

focus

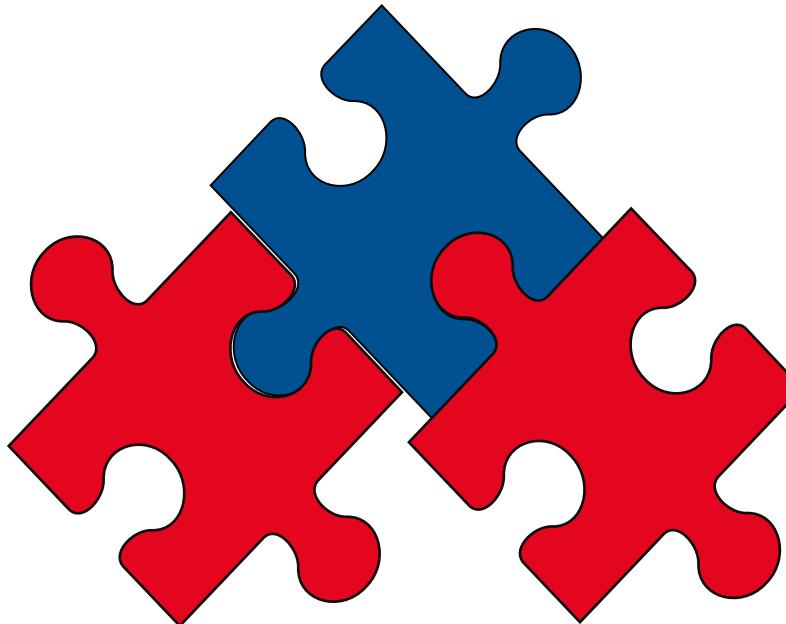


**They're
fundamental**

Coding
Tool



Test Script



**They're
fun to learn**



Browser
&
DevTools

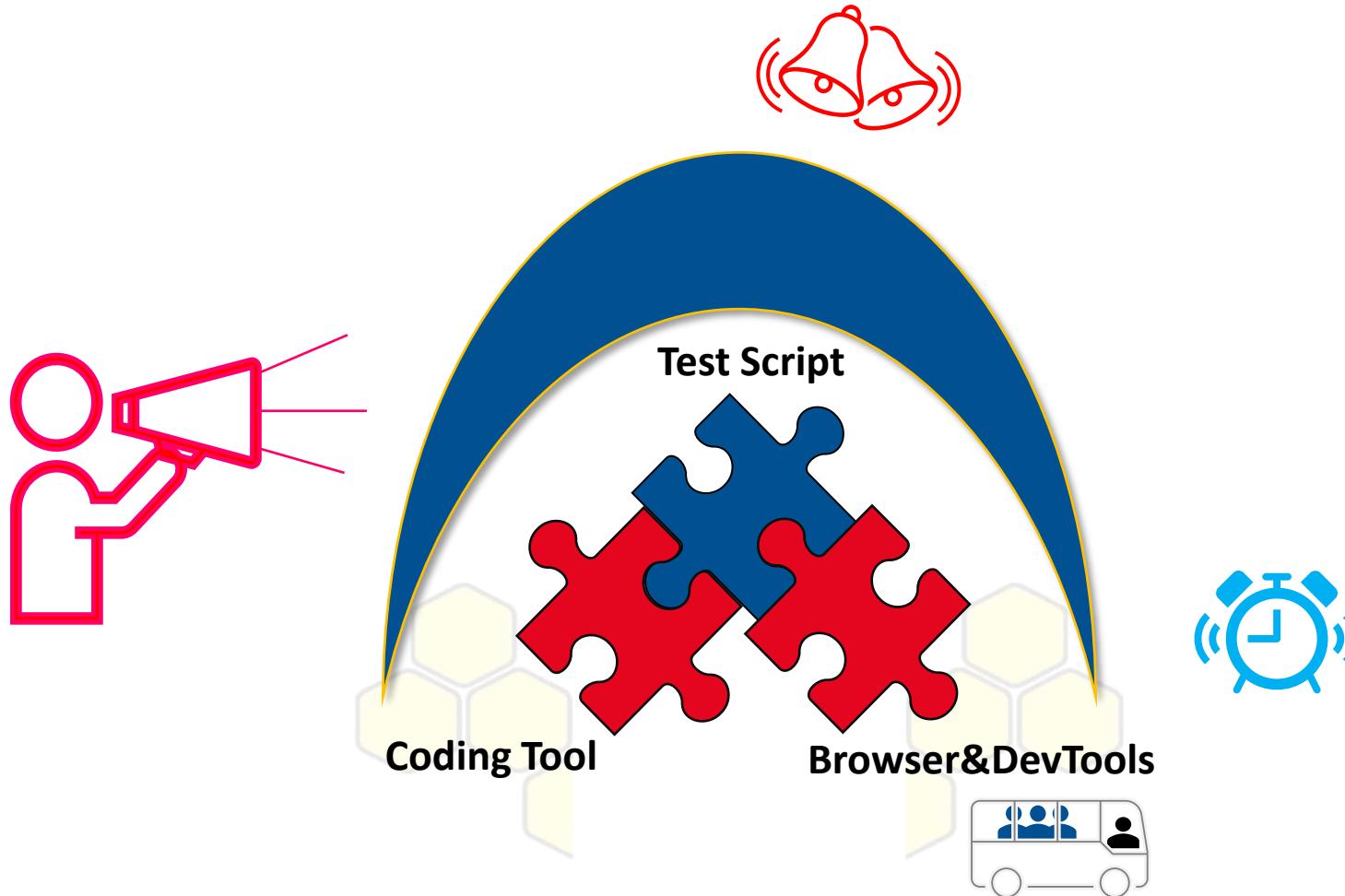




IDEAS Onboarding

we shield our students from information overload

During onboarding

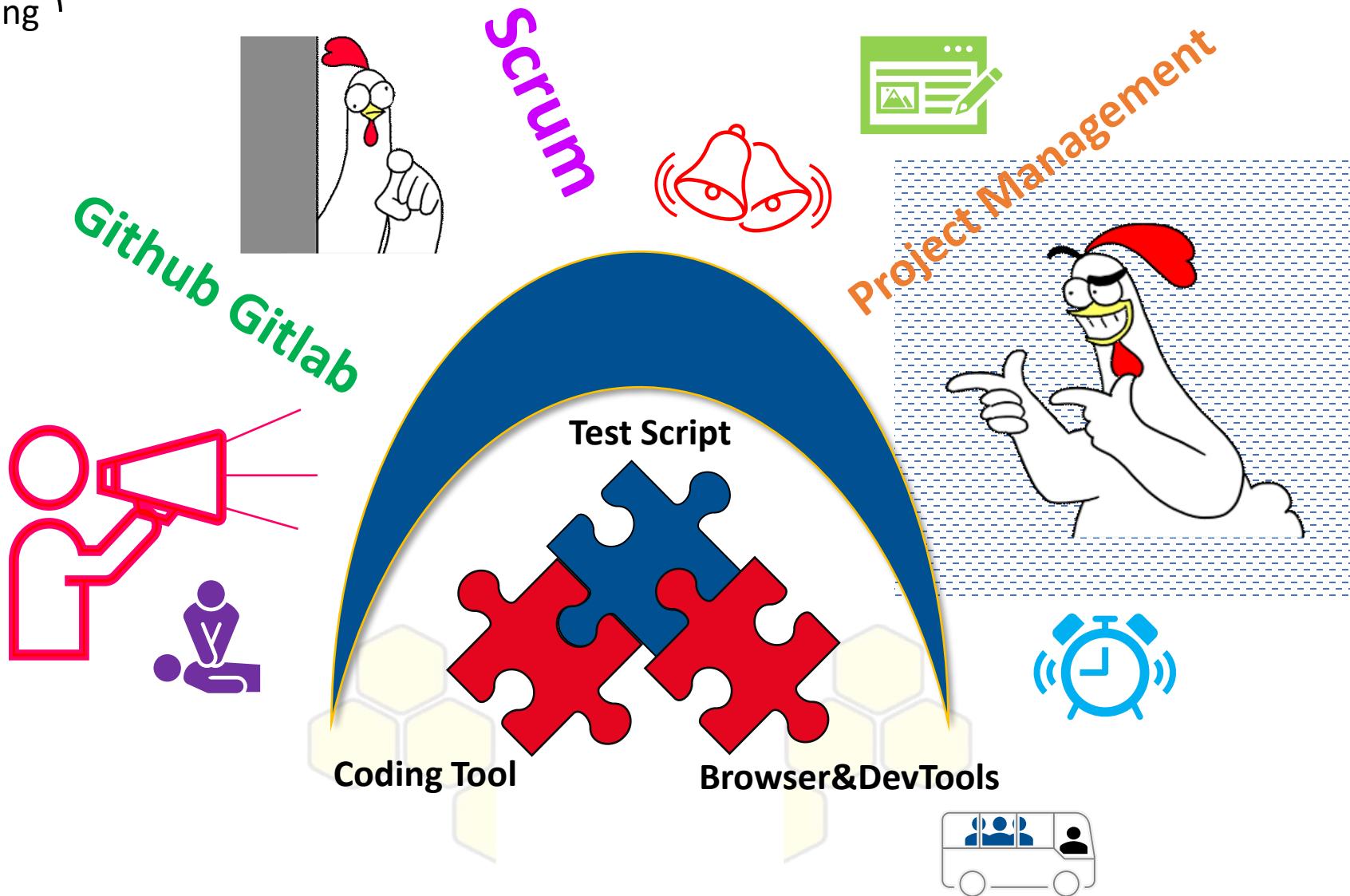




IDEAS Onboarding

we shield our students from information overload

During onboarding

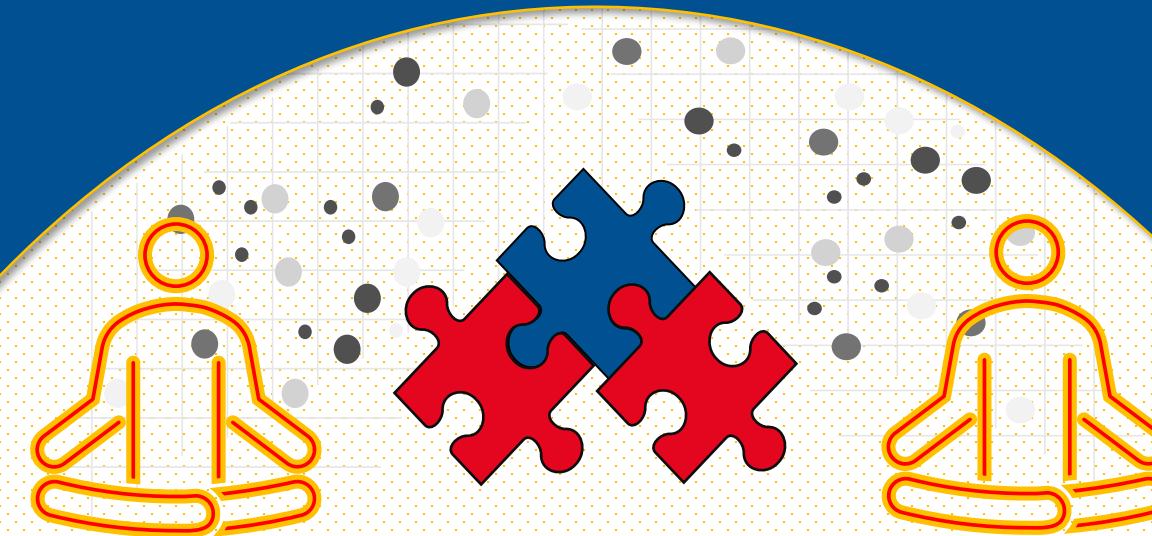




This scripting
oasis lasts for just
ONE
month.

After that we
engage the student
in our daily work
routines.

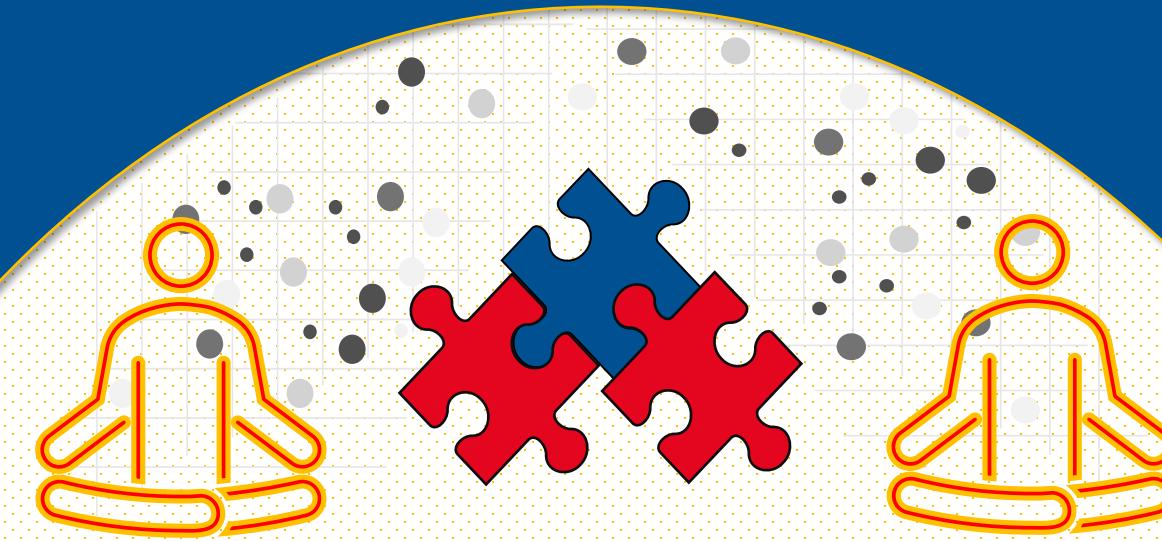
Shangri-La





What's in the Onboarding Kit?

Shangri-La

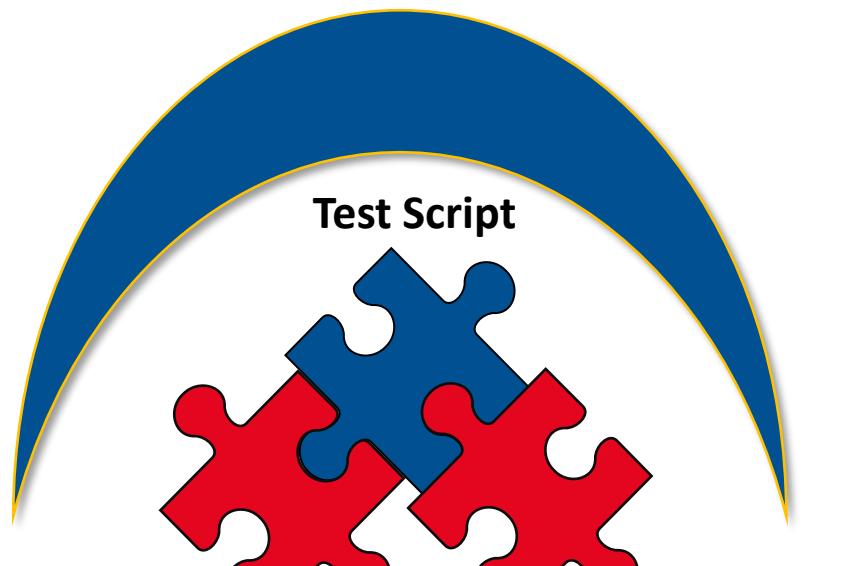




IDEAS Onboarding



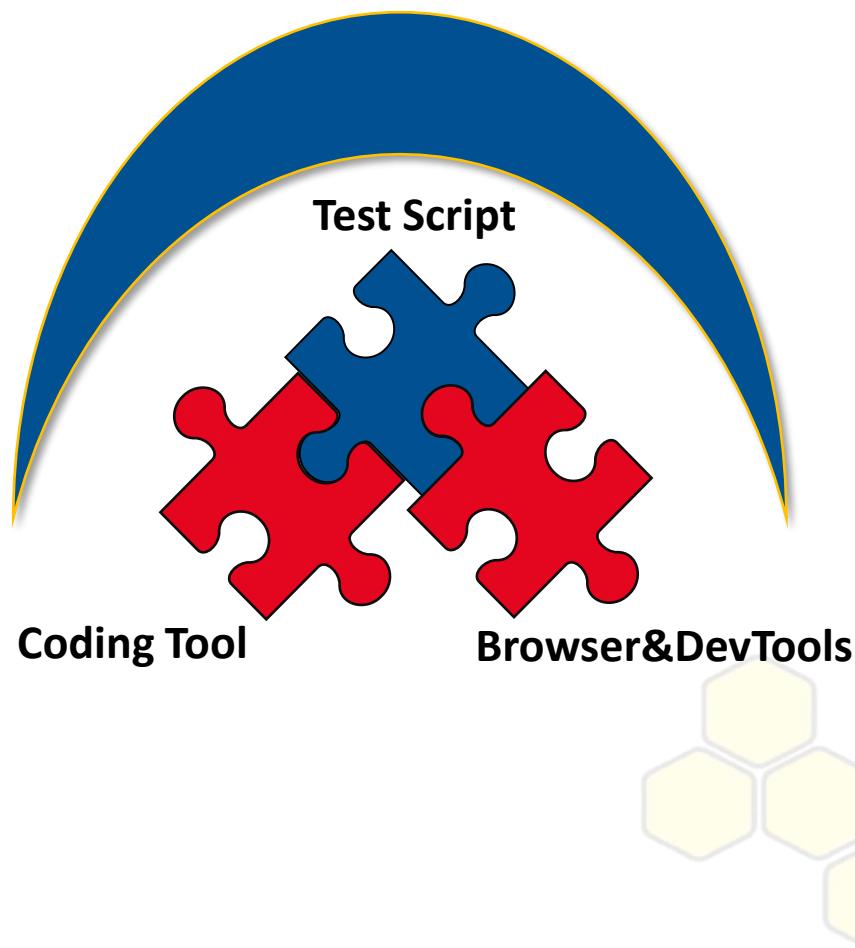
Coaching



COACHING ON LOCATION

- tool skills
- test skills
- learning skills
- social skills





Educational Goals

TEST SKILLS

- understanding testing and QA
- understanding e2e testing
- test scripting

TOOL SKILLS

- utilizing VScode
- utilizing Browser & DevTools
- utilizing AI (LLM's)
- utilizing Playwright

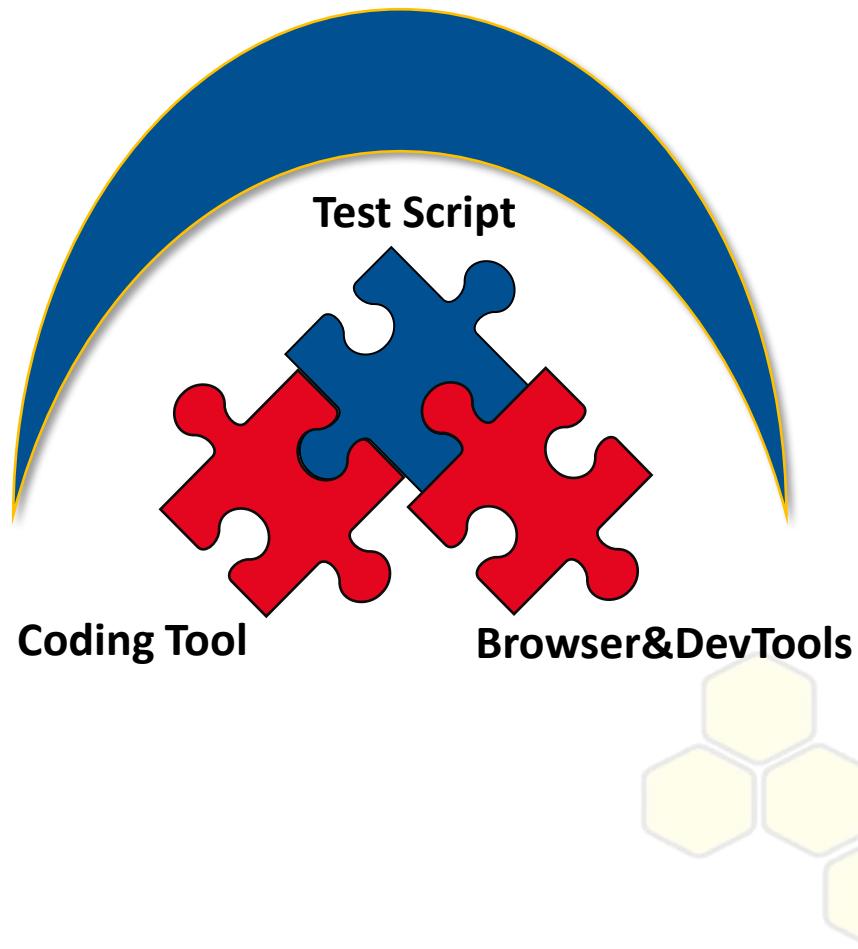
LEARNING SKILLS

- utilizing AI and Google
- planning and managing

SOCIAL SKILLS

- working in a team
- presenting your work
- discussing your work





Schedule

WEEK 1

start learning the tools and the scripting

WEEK 2

pick personal testing project and start userscenario based scripting and testing.

WEEK 3

prepare for the presentation of the project

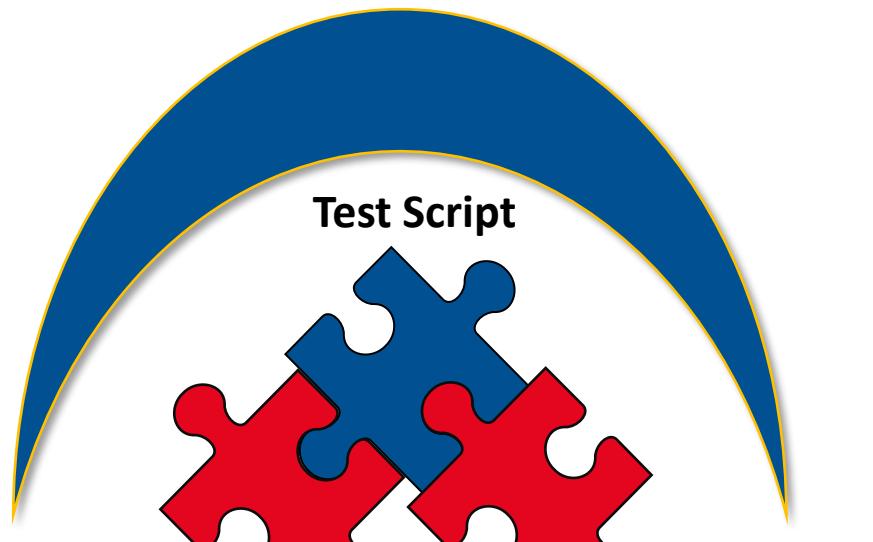
WEEK 4

present the project to the team and impress the audience



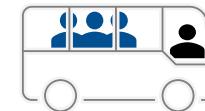
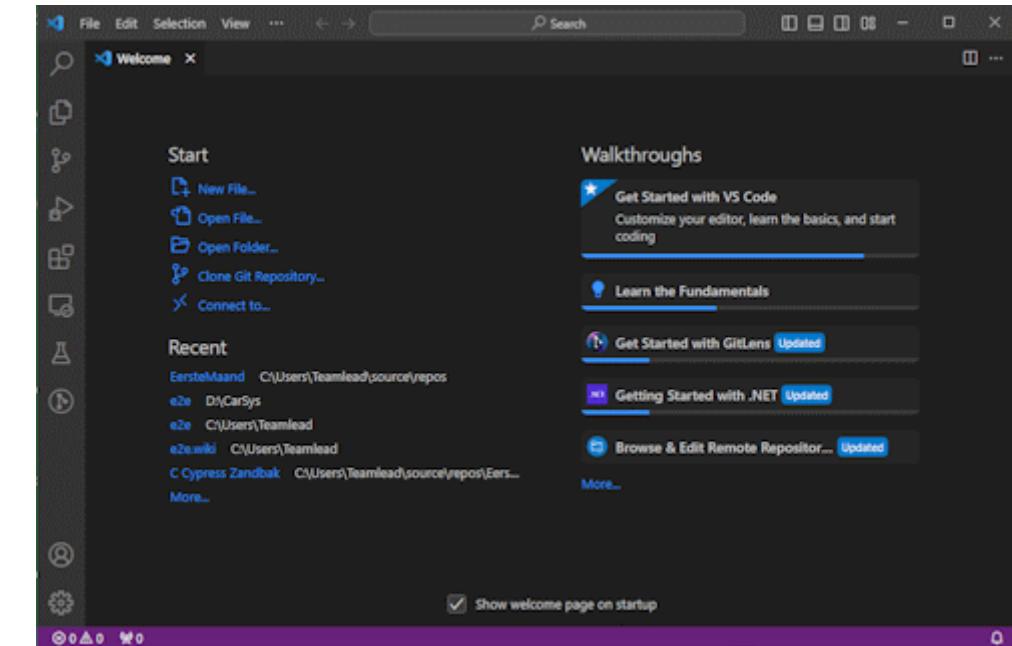


Onboarding materials



Coding Tool

Browser&DevTools





IDEAS Onboarding



This is a screenshot of the program the student receives.

It only exists in VSCode
and consists of:

- a folder structure with plain text files containing the coursework and resources
 - a folder containing a Cypress Sandbox with example scripts ready to run.



The screenshot shows a Microsoft Visual Studio Code (VS Code) interface. The left sidebar displays a file tree with several folders and files under 'EXPLORER: EERSTEMAAND'. The main editor area shows a Cypress test file named 'Basis 1 - het Command Log.cy.js'. The code in the editor is as follows:

```
9  describe("Wat is het commandlog van Cypress?", () => {
    word '\Log\'
})
21 })
22 }
23
24 describe("Het enige dat deze describe doet is deze regel in het log zetten", () => { })
25 describe("Het enige dat deze describe doet is deze regel in het log zetten", () => { })
26 describe("Het enige dat deze describe doet is deze regel in het log zetten", () => { })
27 describe("Deze describe doet 3 dingen:", () => {
    Open Cypress | Set ".only" | ▶ Execute Playwright Test
    it("hij schrijft een regel in het log en", () => { })
    Open Cypress | Set ".only"
    it("hij omsluit drie it-blocken", () => { })
    Open Cypress | Set ".only" | ▶ Execute Playwright Test
    it("het enige dat deze it-block doet is deze regel in het log zetten", () => { })
    Open Cypress | Set ".only"
)
28 })
29 })
30 })
31 })
32 describe("Describes en it-blocken doen zelf helemaal niets", () => {
    Open Cypress | Set ".only" | ▶ Execute Playwright Test
    it("behalve een regel in het log schrijven.", () => { })
    Open Cypress | Set ".only"
    it("Ze worden gebruikt als doos om code te groeperen.", () => { })
    Open Cypress | Set ".only"
)
33 })
34 })
35 })
36 })
```

The bottom status bar shows the path 'PS C:\Users\Teamlead\source\repos\EersteMaand\CypressZandbak' and the terminal tab is selected. A terminal window is open on the right side with the title 'pwsh'.



IDEAS Onboarding



Another screenshot of
the program.



The screenshot shows the Visual Studio Code (VS Code) interface. The left sidebar (Explorer) displays a file tree with several projects and files, including 'A Introductieprogramma', 'B1 Week1' (with 'Opdrachten' and 'Ter Ondersteuning'), 'A Programma Dag 1.txt', 'B2 Week2' (with 'Opdrachten' containing 'Toolvaardigheid ChatGPT' which has 'Vragen die je stellen moet.txt'), 'B3 Week3', 'B4 Week4', 'CypressZandbak' (with 'cypress' and 'tests' subfolders, and various test files like 'actions.cy.js', 'aliasing.cy.js', etc.), and 'Zeezand' (with 'network_requests.cy.js', 'querying.cy.js', and 'spies_stubs_clocks.cy.js'). The top bar shows the title 'EersteMaand'. The main editor area contains a text file titled 'Vragen die je stellen moet.txt' under 'Toolvaardigheid ChatGPT'. The content of this file is as follows:

```
1 ChatGPT: vragen over testen en quality assurance
2
3 -----
4
5 OPDRACHT
6 Stel de volgende vragen aan chatGPT en bestudeer de antwoorden:
7 1. Wat is de functie van testen in de IT branche?
8 2. Wat is quality assurance en wat is de relatie met testen?
9 3. Wat is end-to-end testing?
10 4. Waarom is manueel testen nog steeds belangrijk?
11 5. Wat is het voordeel van geautomatiseerd testen?
12 6. Wat wordt met de happy flow bedoeld in het kader van testen?
13 7. Welke testframeworks voor web zijn er en wat zijn de belangrijkste?
14 8. Welke rol kan AI in het testen van web gaan spelen?
15 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
16 9. Wat is de samenhang tussen een browser, html en javascript?
17 10. Wat is een server?
18 11. Wat is interactiviteit en dynamisch gedrag van webpagina's?
19 12. Wat is een JavaScript-engine?
20 13. Hoe ziet een simpele html pagina eruit?
21 14. Wat zijn de belangrijkste HTML elementen?
22 15. Moet elk html element gesloten worden?
23 16. Dus html bevat zowel structuur en opmaak als inhoud?
24 17. Waarom is html geen programmeertaal?
25 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

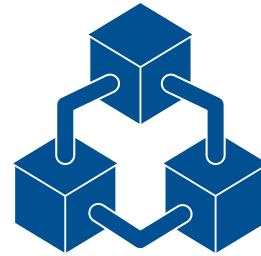
The bottom right corner shows a terminal window with the following content:

```
PS C:\Users\Teamlead\source\repos\EersteMaand\CypressZandbak>
* History restored

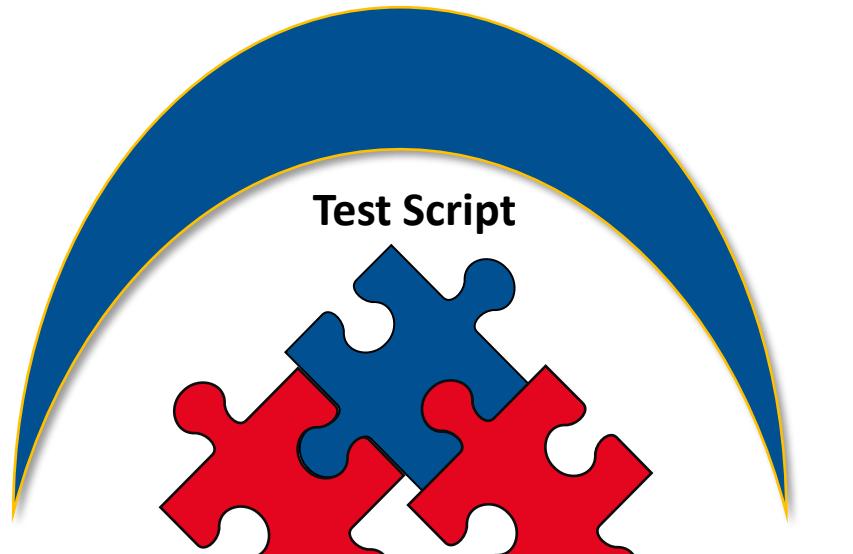
PS C:\Users\Teamlead\source\repos\EersteMaand\CypressZandbak> npx cypress open --e2e --browser chrome
```



IDEAS Onboarding



More...

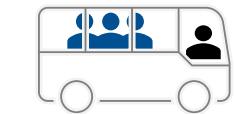


Our Onboarding Kit will soon
be available on Github
(including the first test project of a
group of 4 new students who absolved
the program).





And that is



The End

