

1/ Use the code you worked with in the first project, but rework it by creating a file structure in CSS according to BEM

2/ Try as much as possible to reuse or repurpose existing blocks for the various sections of the layout

3/ All links on the webpage should smoothly transition into being semi-transparent when hovering over them with the mouse. Choose whatever opacity and transition you like

Site header, header block

Section, description block

Section, techniques block

Section, video block

Section, oakley block

Section, feynman block

Main page content, content block

The most effective, cutting-edge learning techniques that you can apply to your daily life.
[Learn more →](#)

100px

The main problem with education Whether it's at school or university, the one thing no one ever teaches you is how to teach yourself. All you actually do is memorize information in order to regurgitate when you take the test. You get drilled on how to solve specific exercises so that while you know exactly what you need to do when exam time comes around, do you truly understand the subject material? All you've really learned is how to pass that one test. Once that test is over, the information in your head has outlived its usefulness.

Conclusion: Knowing how to study is absolutely essential, but for some reason, this point is too often overlooked. So, what can we do to remedy this?

There are certain techniques and exercises that can be applied to the learning process to help make it more efficient and engaging. This is exactly what we do at Practicum.

100px

Learning Techniques

Five Strategies from Barbara Oakley

Two Ways of Thinking
Deep understanding comes from being able to toggle back and forth between focused and diffused thinking.

Recall
Improving your ability to remember key bits of information help to connect different part of the brain.

Interleaving
When you learn multiple skills at the same time, they reinforce each other.

Questions
When listening to your teacher, think up a good question, something that you're really itching to know.

Illusion of Competence
Test yourself, write it down, tell other people, and repeat the process in different settings. Only then can you be truly certain you've understood something.

100px

TED talks

For lovers of procrastination

The first 20 hours Watch later Share

Inside the mind of a... Watch later Share

160px

Barbara Oakley's story. Math didn't come naturally to Barbara in childhood. She thought of herself as more of a humanities person, and not a brilliant one at that. With an eye to becoming a linguist, after school she enlisted in the army, who sent her to learn Russian. After several years of service, during which she rose to the rank of Captain, Barbara left the army and decided to study engineering. It was during this time that she developed her learning methodology as she was forced to reprogram her brain for a different kind of learning. It turns out that when something doesn't come naturally to you, having to work hard to gain the knowledge that other people may get at first glance gives you a deeper, more comprehensive understanding of the subject matter.

80px

The Feynman Technique

Learn without forgetting. More →

A large circular portrait of Richard Feynman smiling.

100px

Facts and figures

On learning and the brain

86 billion	2.1 billion	1,000 terabytes	500 trillion
The number of neurons in the human brain	The number of adults with low reading proficiency	Human information storage capacity	The number of nerve synapses responsible for learning in an adult human
World Bank, 2017			

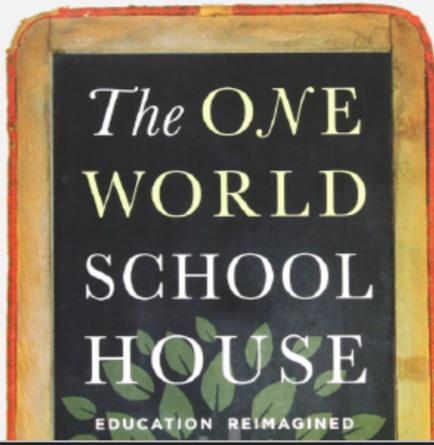
420 million	17 - 20 years old	1885	1897
The number of adults under 25 with insufficient education for finding employment	Peak learning age	Development of the forgetting curve	Publication of Ivan Pavlov's research on classical conditioning

Salman Khan The One World Schoolhouse

Salman Khan's passion and innovation is transforming learning for millions of students worldwide. The One World Schoolhouse is a must-read for all who are committed to improving education so students everywhere can gain the skills and knowledge to be successful in school, careers and life.

George Lucas
Filmmaker

[Buy book →](#)



90px

Ten principles of rapid skill acquisition

by Josh Kaufman

- | | | | | |
|---------------------------------|---|---------------------------------------|--|-------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| Choose a lovable project. | Focus your energy on one skill at a time. | Define your target performance level. | Deconstruct the skill into sub-skills. | Obtain critical tools. |
| 6 | 7 | 8 | 9 | 10 |
| Eliminate barriers to practice. | Make dedicated time for practice. | Create fast feedback loops. | Practice by the clock in short bursts. | Emphasize quantity and speed. |

90px

100px

Useful resources

Further materials on learning techniques and hacks.

[TEDEd](#)

[Medium](#)

[de zeen](#)

[goodreads](#)

217px

60px

[Y Practicum](#)

About Practicum by Yandex

Social media

Home page
Concept
Mentors

Facebook
Instagram

© 2019. Your name

40px

Site footer, footer block

1/ ————— Blocks from the first task are denoted by gray lines

2/ ————— New blocks are denoted by blue lines

The most effective, cutting-edge learning techniques that you can apply to your daily life.

[Learn more →](#)



1/ Rotate the square 15 degrees counterclockwise

2/ Create an animation to rotate the square clockwise at a constant speed. The figure should complete a full 360° rotation in 20 seconds and move repetitively in a loop. Create a new BEM-block called rotation in your file structure. Use mixing to launch animation in the parts of the code where you need it



3/ Prevent the square from overflowing the parent block when rotating

... . . .

Learning Techniques

Five Strategies from Barbara Oakley

 <p>Two Ways of Thinking</p> <p>Deep understanding comes from being able to toggle back and forth between focused and diffused thinking.</p>	 <p>Recall</p> <p>Improving your ability to remember key bits of information helps to connect different parts of the brain.</p>	 <p>Interleaving</p> <p>When you learn multiple skills at the same time, they reinforce each other.</p>
		

1/ Use the section-title block again

2/ Use the section-subtitle block again

3/ block: cards

4/ block: cards, element: item

5/ block: cards, element: image

6/ block: cards, element: title

7/ block: cards, element: description

The diagram illustrates a web page layout for 'Learning Techniques'. It features a sidebar on the left with 'auto' height, a main content area with a title, and a grid of five cards. Hand-drawn annotations provide specific dimensions and margins:

- Title Area:** A red box labeled 'width: 60%' covers the top portion. To its right is a vertical column with a '100px' margin. Below the title is another red box labeled 'width: 60%'.
- Card Grid:** The main content area has a 'width: 920px' margin. Each card in the grid has a '100px' margin between them. The first card contains a circular image with a '160x160px' dimension and a '60px' margin below it. The second card contains a circular image of a statue with a '100px' margin below it. The third card contains a circular image of a building with a '100px' margin below it.
- Annotations:** A red circle labeled '1' is positioned above the first card. A red circle labeled '2' is positioned above the third card. Hand-drawn arrows point from the annotations to the respective cards.

1/ Pay attention to the syntax for headings and use different tags for titles at different levels

J2/ Remember to include the required alt attribute when adding an image

Learning Techniques 1

Five Strategies from Barbara Oakley 2

-  3 **Two Ways of Thinking**

Deep understanding comes from being able to toggle back and forth between focused and diffused thinking.
-  4 **Recall**

Improving your ability to remember key bits of information helps to connect different parts of the brain.
-  **Interleaving**

When you learn multiple skills at the same time, they reinforce each other.

1/ Set the line height to 1.15, the font size to 60px, and the font weight to bold

2/ Set the line height to 34px, the font size to 24px, and the font weight to normal

3/ Set the line height to 1.15, the font size to 24px, and the font weight to bold

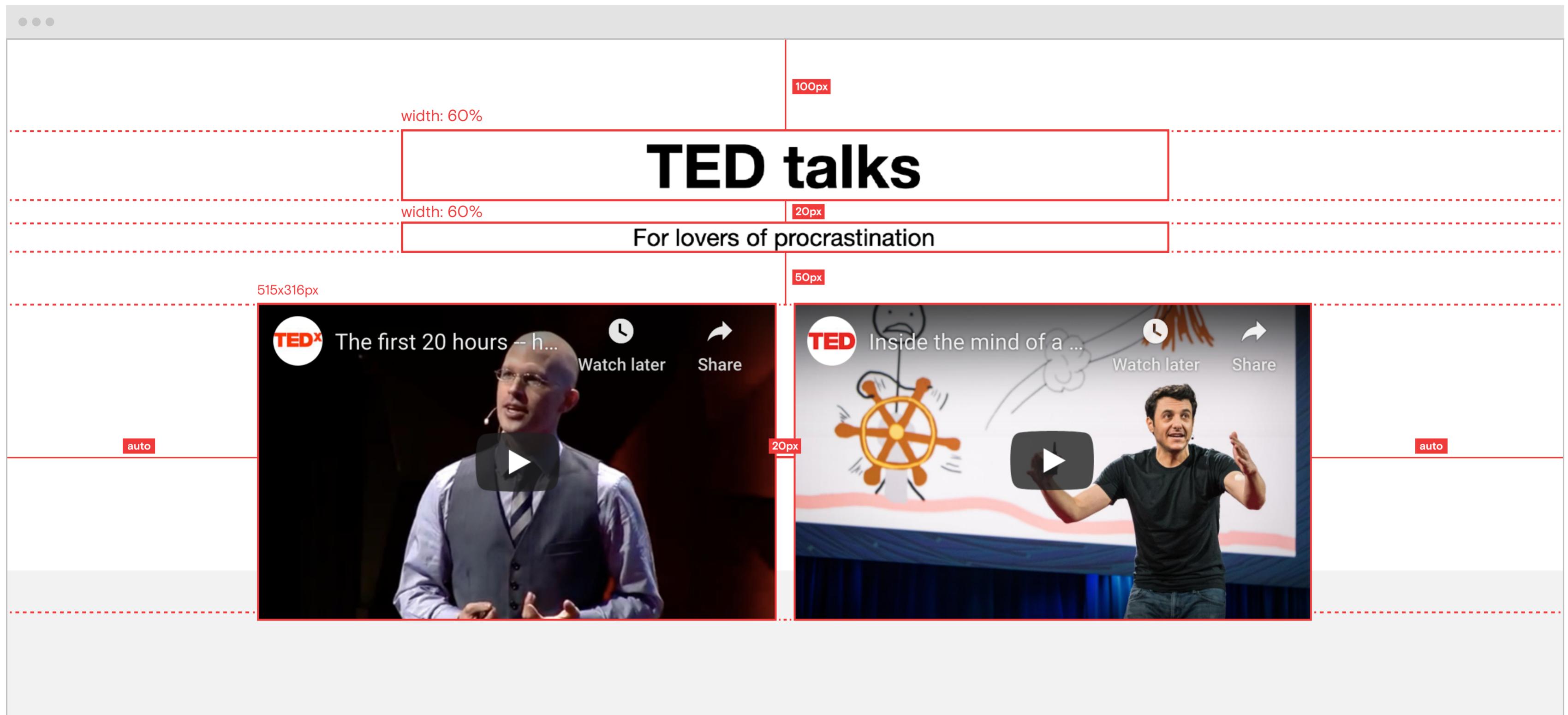
4/ Set the line height to 23px, the font size to 18px, and the font weight to normal

The image shows a web page with a 'TED talks' header and a subtitle 'For lovers of procrastination'. Below are two video thumbnails. The left thumbnail features a man speaking and the right thumbnail features a man gesturing.

Use the **iframe** tag to insert videos. Links to the videos: <https://www.youtube.com/watch?v=5MgBikgcWnY> / <https://www.youtube.com/watch?v=arj7oStGLkU>

- 1/ Use the section-title block again ↴
- 2/ Use the section-subtitle block again ↴
- 3/ block: video, element: iframes

- 4/ block: video, element: iframe



- 1/ Take note of how the videos are placed on top of the border between the white and gray sections. Think of a way to do this.



TED talks 1

For lovers of procrastination 2

1/ Set the line height to 1.15, the font size to 60px, and the font weight to bold

2/ Set the line height to 34px, the font size to 24px, and the font weight to normal

Barbara Oakley's story.

1

Math didn't come naturally to Barbara in childhood. She thought of herself as more of a humanities person, and not a brilliant one at that. With an eye to becoming a linguist, after school she enlisted in the army, who sent her to learn Russian. After several years of service, during which she rose to the rank of Captain, Barbara left the army and decided to study engineering. It was during this time that she developed her learning methodology as she was forced to reprogram her brain for a different kind of learning. It turns out that when something doesn't come naturally to you, having to work hard to gain the knowledge that other people may get at first glance gives you a deeper, more comprehensive understanding of the subject matter.

1/ Use the two-columns block again



The screenshot shows a 'khan' block with the following structure and annotations:

- Section Header:** **Salman Khan** (2) **The One World Schoolhouse** (3)
- Text Block:** Sal Khan's passion and innovation is transforming learning for millions of students worldwide. The One World Schoolhouse is a must-read for all who are committed to improving education so students everywhere can gain the skills and knowledge to be successful in school, careers and life. (4)
- Text Block:** **George Lucas** (5)
Filmmaker (6)
- Image:** A book cover with the title 'The ONE' (7). The number 8 is placed near the top edge of the book cover.
- Text:** Buy book → (9)

1/ block: khan, element: container

2/ block: khan, element: author

3/ block: khan, element: title

4/ block: khan, element: quote

5/ block: khan, element: quote-author

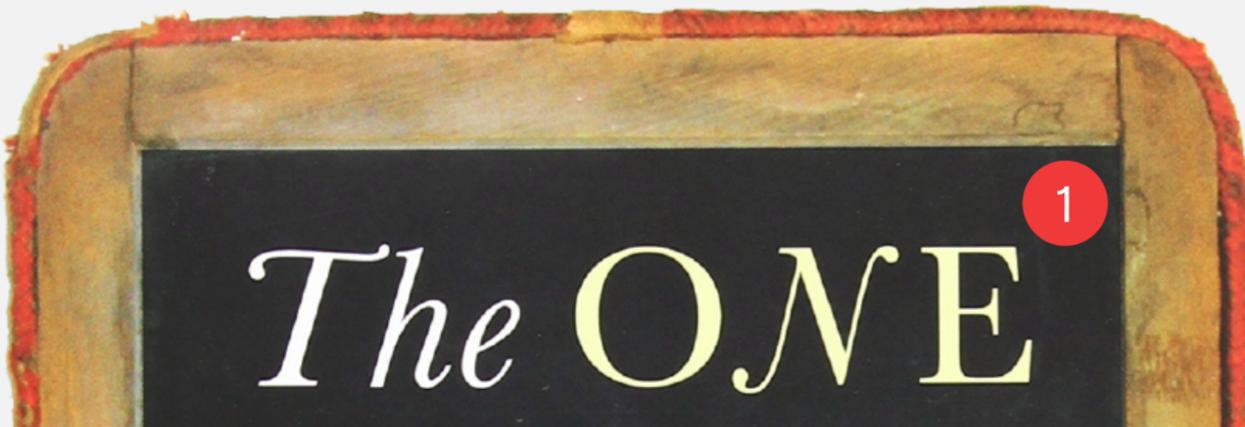
6/ block: khan, element: quote-author-subline

7/ block: khan, element: book-container

8/ block: khan, element: book-pic

9/ block: khan, element: buy-link

width: 80%

Salman Khan
<h1>The One World Schoolhouse</h1>
width: 790px
50px
Sal Khan's passion and innovation is transforming learning for millions of students worldwide. The One World Schoolhouse is a must-read for all who are committed to improving education so students everywhere can gain the skills and knowledge to be successful in school, careers and life.
36px
auto
George Lucas
Filmmaker
auto
620x608px
10px
68px
 Buy book →
48px

- 1/ Remember to include the required alt attribute when adding an image
- 2/ Image size: width: 620px; height: 608px;

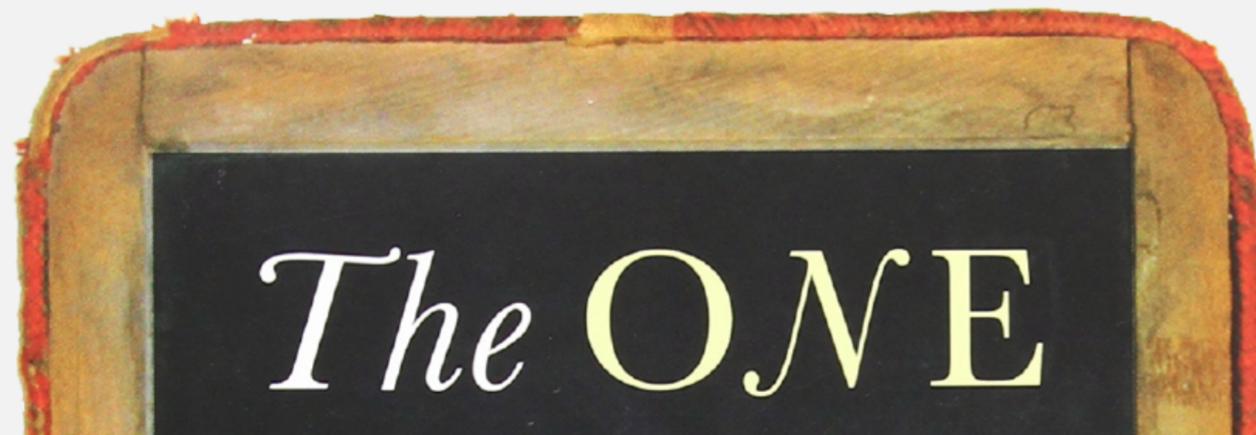
Salman Khan 1

The One World Schoolhouse 2

Sal Khan's passion and innovation is transforming learning for millions of students worldwide. The One World Schoolhouse is a must-read for all who are committed to improving education so students everywhere can gain the skills and knowledge to be successful in school, careers and life. 3

George Lucas 4

Filmmaker 5



Buy book → 6

- 1/ Set the line height to 42px, the font size to 30px, and the font weight to normal
- 2/ Set the line height to 1.15, the font size to 60px, and the font weight to bold
- 3/ Set the line height to 34px, the font size to 24px, and the font weight to normal

- 4/ Set the line height to 1.15, the font size to 24px, and the font weight to bold
- 5/ Set the line height to 1.15, the font size to 24px, and the font weight to normal
- 6/ Set the line height to 42px, the font size to 30px, and the font weight to normal

Ten principles of rapid skill acquisition

by Josh Kaufman

1 Choose a lovable project.	2 Focus your energy on one skill at a time.	3 Define your target performance level.	4 Deconstruct the skill into sub-skills.	5 Obtain critical tools.
6 Eliminate barriers to practice.	7 Make dedicated time for practice.	8 Create fast feedback loops.	9 Practice by the clock in short bursts.	10 Emphasize quantity and speed.

- 1/ Create an animation to make the triangle rotate clockwise at a constant speed. The figure should complete a full 360° rotation in 20 seconds and move continuously. You should already have the rotation block to apply mixing and use animation properly.

The screenshot shows a web page section titled "Useful resources". Below the title is a subtitle "Further materials on learning techniques and hacks.". At the bottom of the section is a horizontal row of four logos: TEDEd, Medium, de zeen, and goodreads. Red numbered circles (1, 2, 3, 4) are overlaid on the title, subtitle, first logo, and second logo respectively.

1 Useful resources

2 Further materials on learning techniques and hacks.

3 TEDEd

4 Medium

de zeen

goodreads

1/ Use the section-title block again

2/ Use the section-subtitle block again

3/ block: resources, element: logo-zone

4/ block: resources, element: logo

