

kaspersky

Kaspersky Adaptive Online Training

Instruction for Users

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Document:	Kaspersky Adaptive Online Training Instruction for Users
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What is KAOT

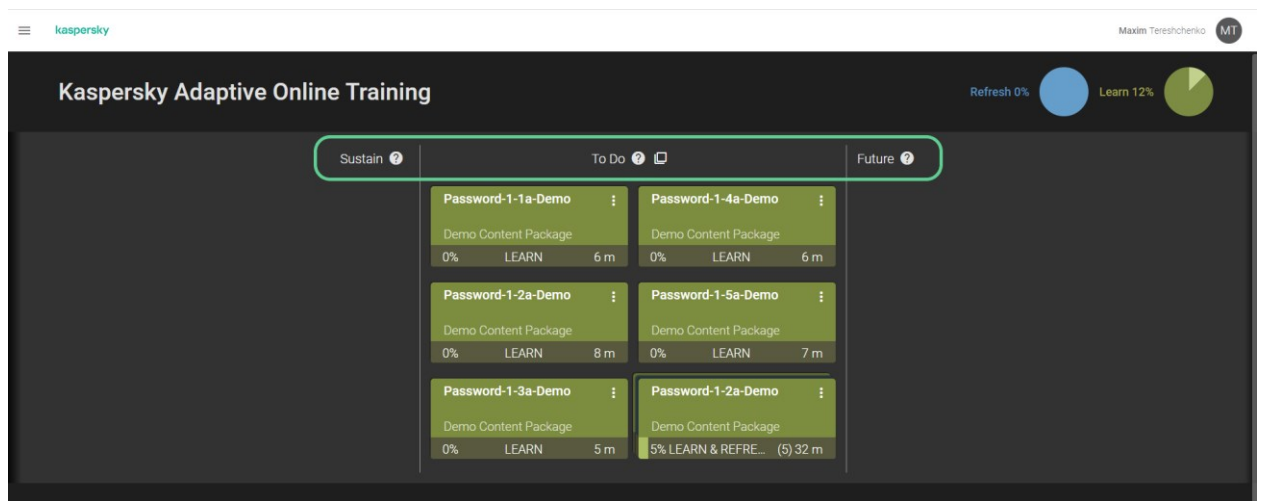
Kaspersky Adaptive Online Training is the perfect solution for corporate security awareness learning. Administrators can create and assign training for you.

Learner's Dashboard

The KAOT Learner dashboard gives you direct access to adaptive modules.

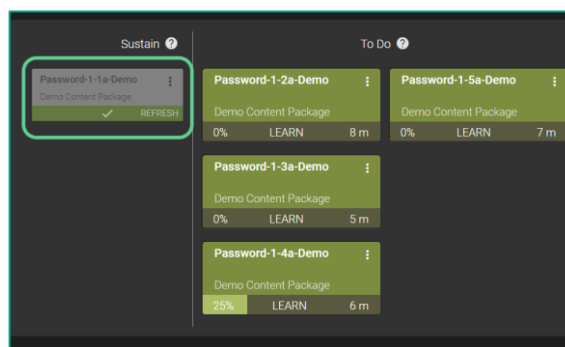
To Do

The To Do section in the middle is used for currently assigned modules. Here you can find all modules and see your progress in each module.



Sustain

The Sustain section in the left part is used for finished modules. Here you can find all modules and see your progress in each module. You can click on them to retake them again and refresh your knowledge.

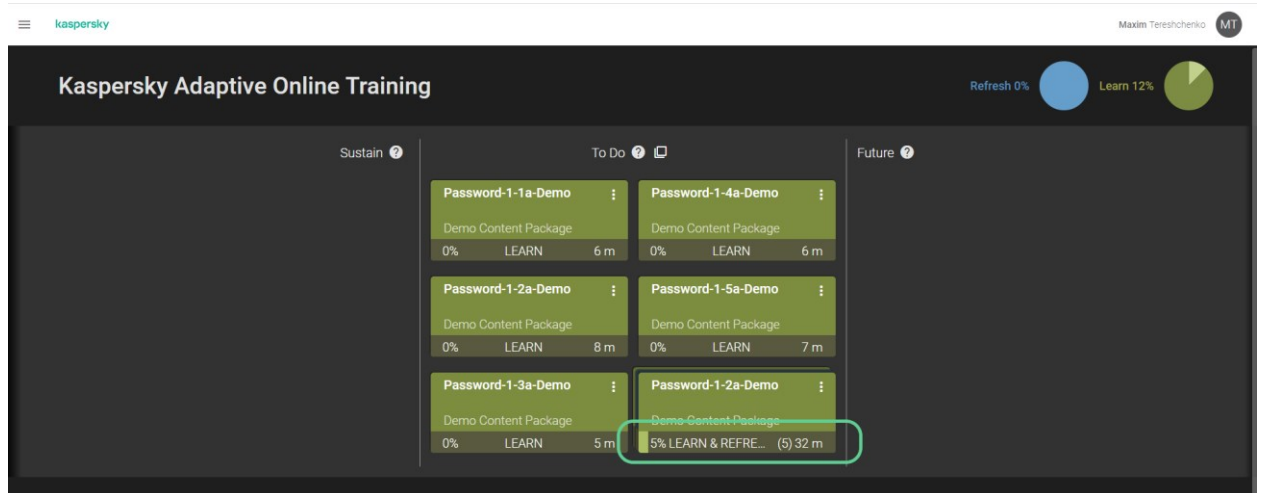


Future

The Future section in the right part is used for future modules that start date has not come yet and modules are unavailable. They will be moved to the To Do section as the start date comes

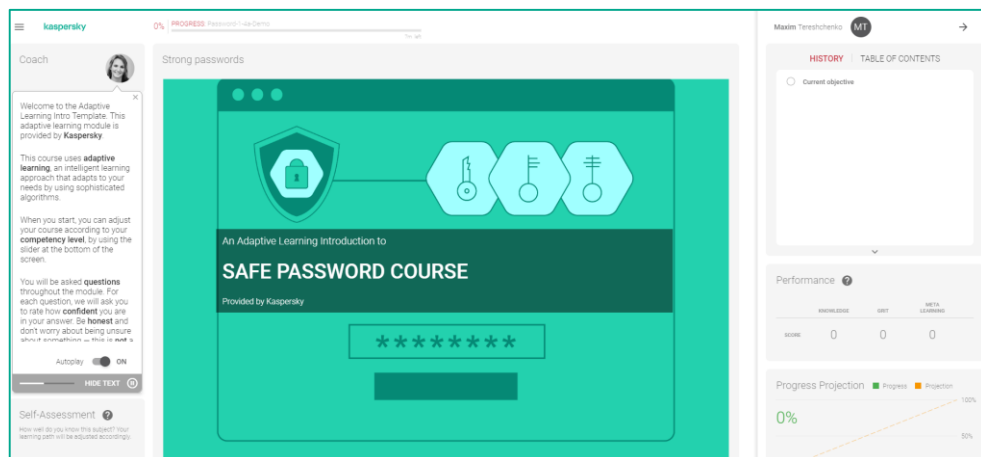
Learning Modules

KAOT's focus is to help you master the security awareness knowledge, not simply complete the course. On each card you can see that there is a projection of the number of minutes it should take you to master the content. The projection is specific to the course and specific to you as a learner. On the top of a card, you will find an indication of the total progress you have made in all of the modules you have interacted with.



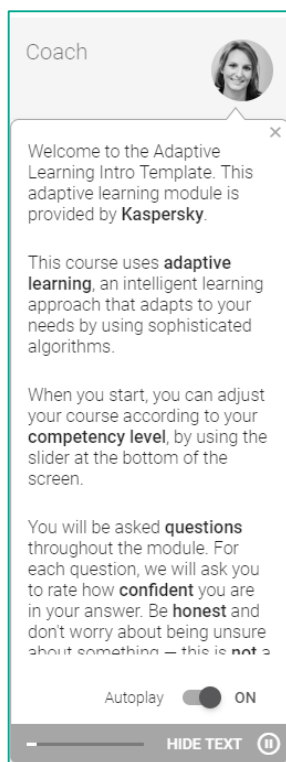
Course Interface

The main part of the KAOT Learner screen is taken up by a learning panel, where the learner interacts with content and questions. Kaspersky Adaptive Online Training's adaptive learning approach uses formative assessment—it teaches by asking questions—the experience is slightly different from typical e-learning courses.



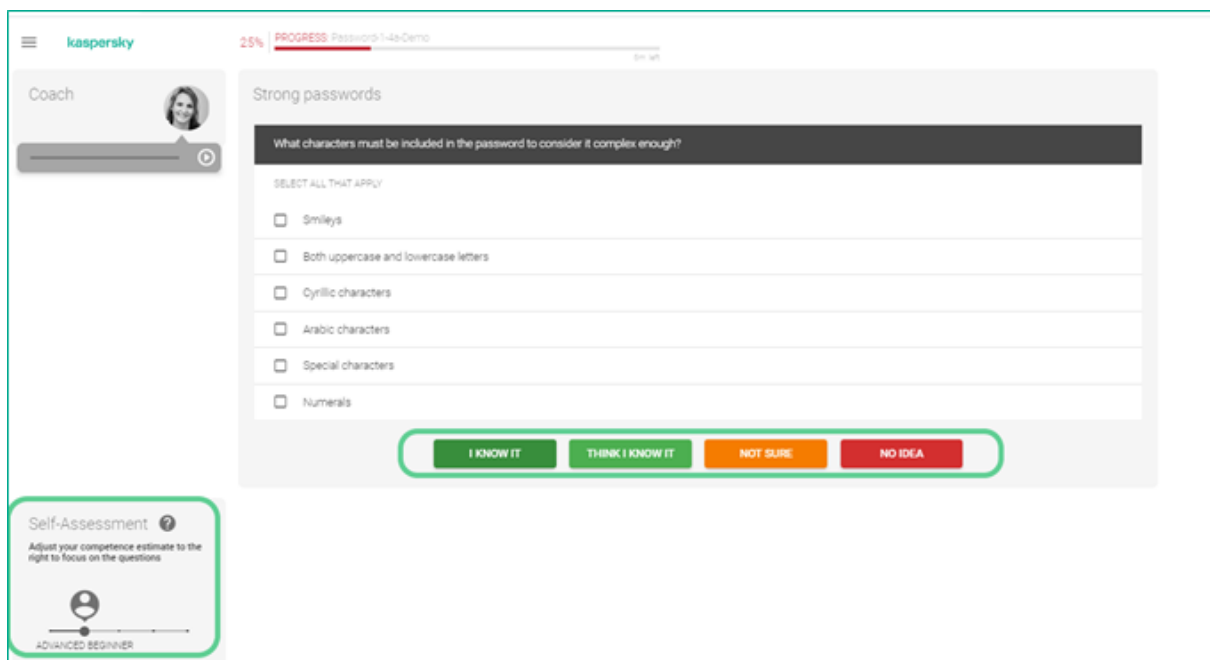
Coach

Over on the left hand side, you'll see that there is a coach that accompanies the learning content. The coach behaves much like a human tutor would. It provides additional explanation to support what is being shown on the main part of the screen using both text and voice-overs, it provides. Voice-overs can either be computer generated or recorded and uploaded.



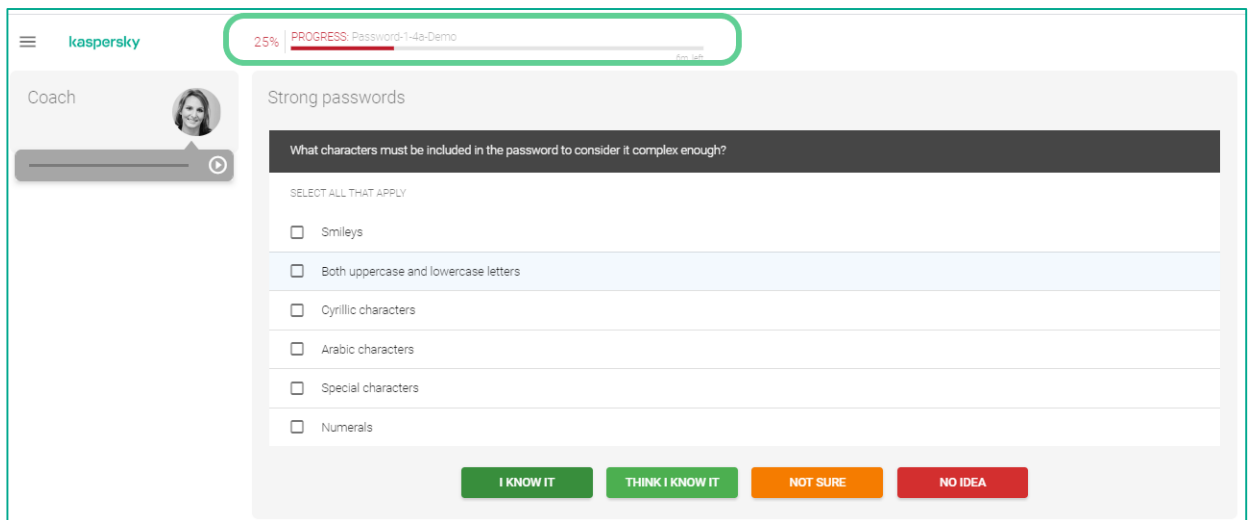
Confidence level

As quickly as possible, we want to establish the level of competence that the learner has in the subject that they are trying to learn. For this reason, KAOT typically starts by asking questions. What we call a probe typically consists of a question, some answers, and a confidence measure. Asking the learner to self-assess their confidence both improves their learning and helps the adaptive engine adjust to meet their needs by identifying strengths or misconceptions the learner may have.



Progress

At the top of the screen you'll see a progress bar. Unlike traditional e-learning, this is not a measure of how much content the learner has seen but rather his/her progress the learner has made towards becoming proficient in this subject.

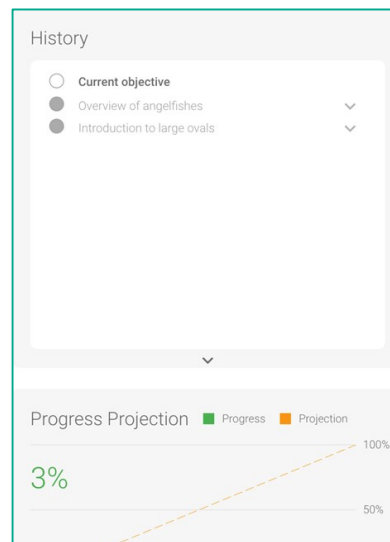


History and Learning Projection

On the right hand side of the screen are a number of panels, which you can hide, as needed.

At the top is the history panel, which contains a sequential list of the learning objectives and learning content that the learner has interacted with.

At the bottom is a constantly updating projection of the amount of time that the system believes it will take the learner to master the content. This is a personalized estimate and will update continuously based on how well or poorly the learner is doing throughout the course.



Confidence buttons



It is common survey methodology to use four categories for categorical scales like this. The wording is the result of several iterations - and also the compromise of needs for responsive usability.

The exact wording, especially of the middle two categories, is always debatable but given the general agreement about the outermost buttons, small nuances in how people perceived the middle categories is OK - especially given how we use the data. Also, consistent use is more important within an individual than across individuals, and we have no reason to believe that a learner will change his or her perception of what a label means during use.

«I know it»

This option is for the case when the learner knows for sure how to answer the question.

«Think I know it»

This option for the case the learner knows how to answer the question but not sure for 100%.

«Not sure»

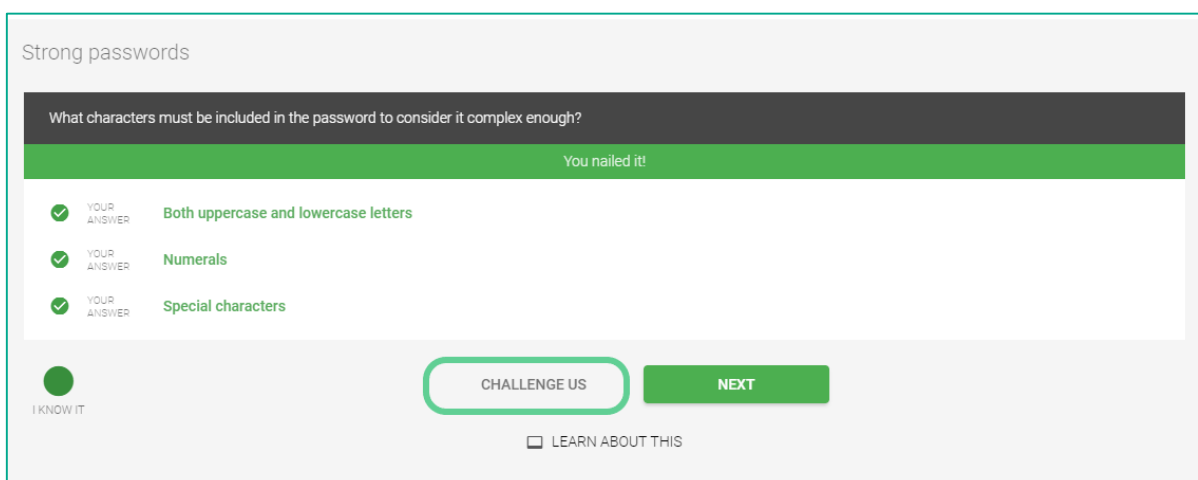
This option for the case the learner not sure how to answer the question but have some ideas.

«No Idea»

If the learner is not familiar with the subject and has no idea how to answer the question, the system shows the correct answers and suggests studying a learning resource, where the coach provides supporting information.

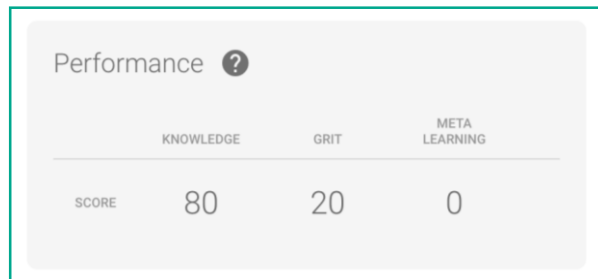
Challenge Us

You can use the Challenge button to highlight something as simple as a spelling mistake on a slide, or it could be something more serious such as an error in the content. These crowd-sourced challenges are fed directly back to the content developer, enabling real-time quality improvements to the course content.



Performance

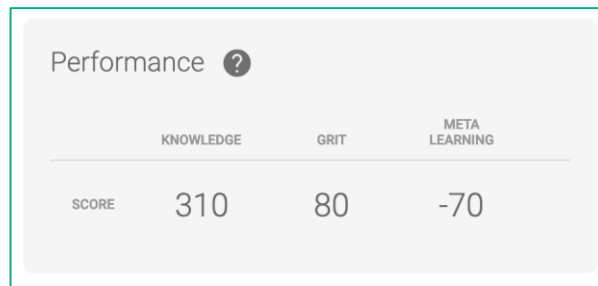
In the centre is the performance panel showing progress along three dimensions: knowledge, grit and meta learning. These numbers are motivational, have no limit, and will increase or decrease based on learner behaviour.



	KNOWLEDGE	GRIT	META LEARNING
SCORE	80	20	0

What performance indicators mean?

These scores represent how well you are performing as a learner. They will go up and down based on your behavior. These scores are meant to help you monitor your good learning habits!



	KNOWLEDGE	GRIT	META LEARNING
SCORE	310	80	-70

KNOWLEDGE

KNOWLEDGE is about what you know and understand.

You score KNOWLEDGE points every time you prove that you have learned something. The score is an accumulation of all the knowledge points you have scored in the past. You will get negative points when you get something wrong, but you thought you knew it. There is no upper limit, because when you move on to refresh, you will get points for showing that you are still competent.

GRIT

GRIT is the ability to keep going, despite difficulties.

You score GRIT points by being persistent, spending time and working with your weaknesses. The score is an accumulation of all the GRIT points you have scored in the past. There is no upper limit, because when you move on to refresh, you will get points for doing that. You cannot get negative GRIT points!

META LEARNING

META LEARNING is about reflecting on your learning, what you know and do not know.

Your META LEARNING score is a measure of your ability to know what you don't know. If you think that you know something, but you really don't, you get negative points. If you answer something correctly - and you were aware that you knew - you get positive points. You want to keep this score in positive!

Adaptive Engine

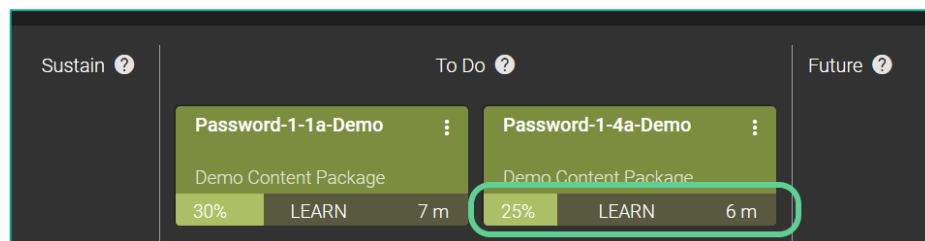
The system is constantly calculating the next best course of action to provide the optimal path for the learner to master the material. The adaptive engine takes many things into account, including:

- whether the learner is answering questions right or wrong,
- the level of confidence in the answers,
- how the confidence matches,
- whether the learner is correct or not,
- whether the learner pays attention to the learning resources that KAOT™ suggests,
- how much time is spent looking at learning resources,
- how long it takes to respond to a questions, and many other factors.

Because of this, two people can respond in exactly the same way but the system will behave differently in each case.

Updated Dashboard

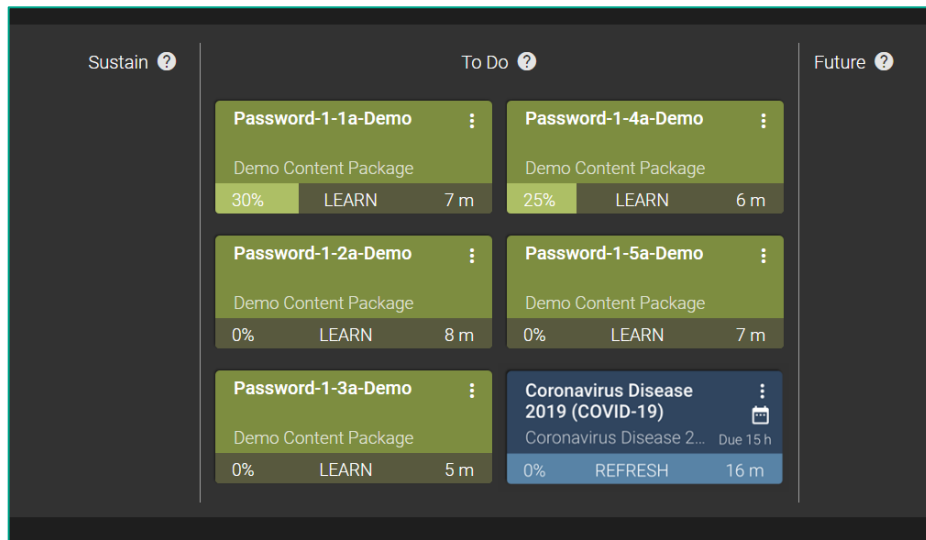
At any point, you can exit the course and return to the dashboard. As you can see, the tile on the dashboard is now updated with a new prediction of how long it's going to take to complete this task. You may notice that the amount of time is actually much longer than it was before the course started, and this reflects the fact that it's likely going to take much longer for a complete novice to become proficient in the topic than people that are more competent.



Refresh

The human brain is incredibly good at forgetting things and for learning to be effective we have to constantly combat that. Learning is not a one-time event—it requires reinforcement. And so built directly into KAOT Learner™ and the underlying algorithms that power it, is the cognitive science around how people forget things. Based on how well you performed during the course, such as how easy or difficult you found things and how much time you took, KAOT Learner™ maintains a constantly updated prediction of what you are likely to forget and when.

When engine thinks it's appropriate, a tile will turn from green to blue, the refresh percentage will go up, and KAOT™ will automatically create a short microlearning package for you to get refreshed on. In this way, we move away from the idea of simply taking and completing courses to a new frame of mind where we focus on building and maintaining proficiency.

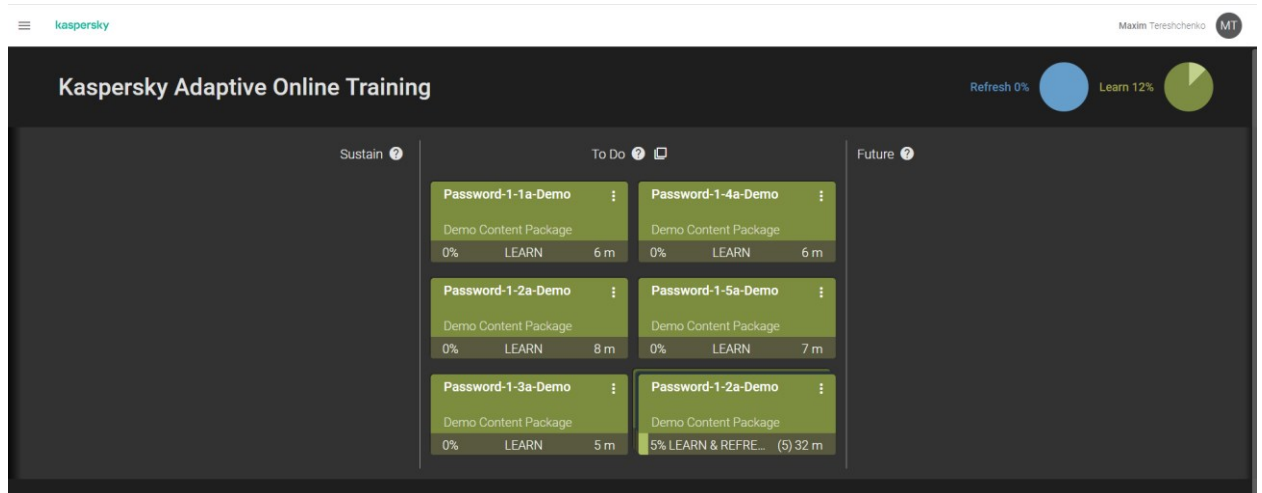


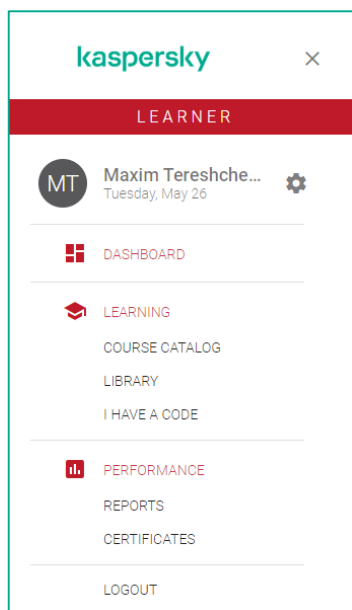
Why KAOT courses default to a 100% passing score?

For this reason, we set the required proficiency level to be 100% — meaning that the learner should demonstrate proficiency on every learning objective that has a probe associated with it. But your administrators can set passing score in different value from 0 to 100%.

Learner menu

In the upper left you can find learner menu where learner can configure their profile, have a look at available trainings and its content, and also add available for free roll trainings.





Profile settings

If you click on the Gear sign the window with user's profile configuration will open. Here you can change name, last name, profile picture, language and also change your password.

Dashboard

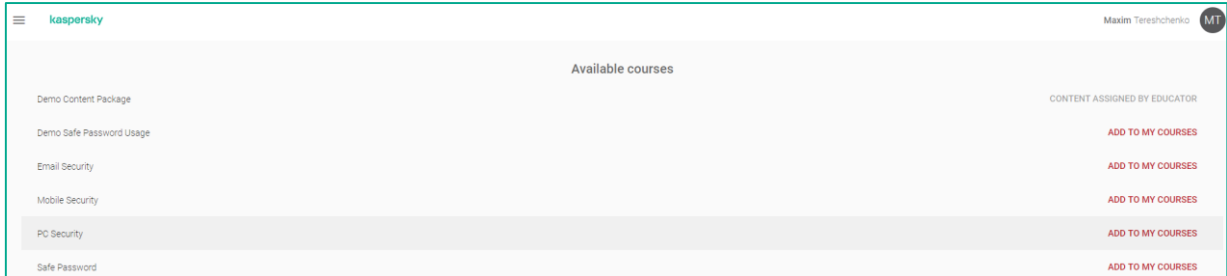
This section will return you to the Dashboard.

Learning

In this section you will find everything referring to the studying materials.

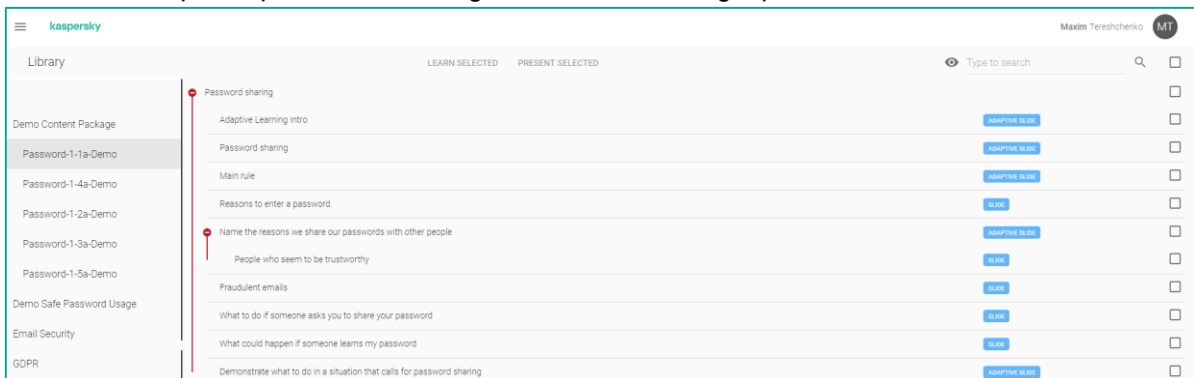
Course catalog

This section leads to the available courses page where you can choose one or more courses from the list of available trainings.



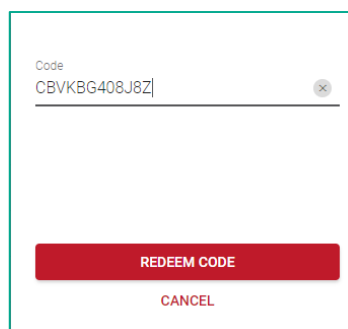
Library

In this section you can find all the materials in the available content package, have a look at the module structure and open separate slides using the buttons in the right part of the screen.



I have a code

This section is used for adding content package using the special code that should be provided by your training administrator. As you redeemed your code new modules appear on your dashboard.



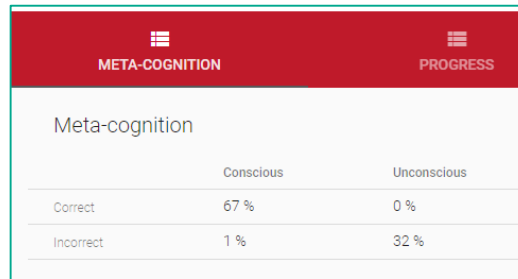
Performance

In this section you can find indicators of your progress and success such as reports and achieved certificates.

Reports

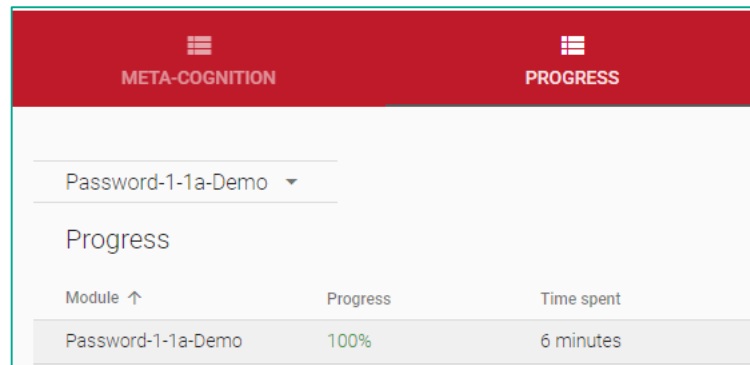
In this page you can find two tabs:

Meta-cognition that present the percentage of your correct and incorrect answers and your conscious.



	Conscious	Unconscious
Correct	67 %	0 %
Incorrect	1 %	32 %

Progress that shows your progress by separate modules.



Module ↑	Progress	Time spent
Password-1-1a-Demo	100%	6 minutes

Certificates

This section will show you achieved certificates for completed courses.

System Requirements

Browsers

In general, we support the two latest versions of major browsers:

- IE11
- Edge
- Chrome (Recommended for best performance)
- Firefox
- Safari

Systems Requirements

- Win8+ with 4GB+ RAM
- macOS 10.13+ with 4GB+ RAM
- Android 9+ with 2GB+ RAM
- iOS 12+ with 2GB+ RAM

Internet connection speed: Recommended 1Mbit/s+ for best experience, but depends on content

Screen Sizes

While the system will run in smaller screen sizes, these are the recommended minimum sizes for the best experience:

For Educator - 10" (tablet) or higher

For Learner - 4.5" (mobile) or higher