

**USER MANUAL**  
**Elias Robot**  
**2020**

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# Elias Robot App

You can access the application from the website:

[www.eliasrobot.com](http://www.eliasrobot.com)



Home

About us

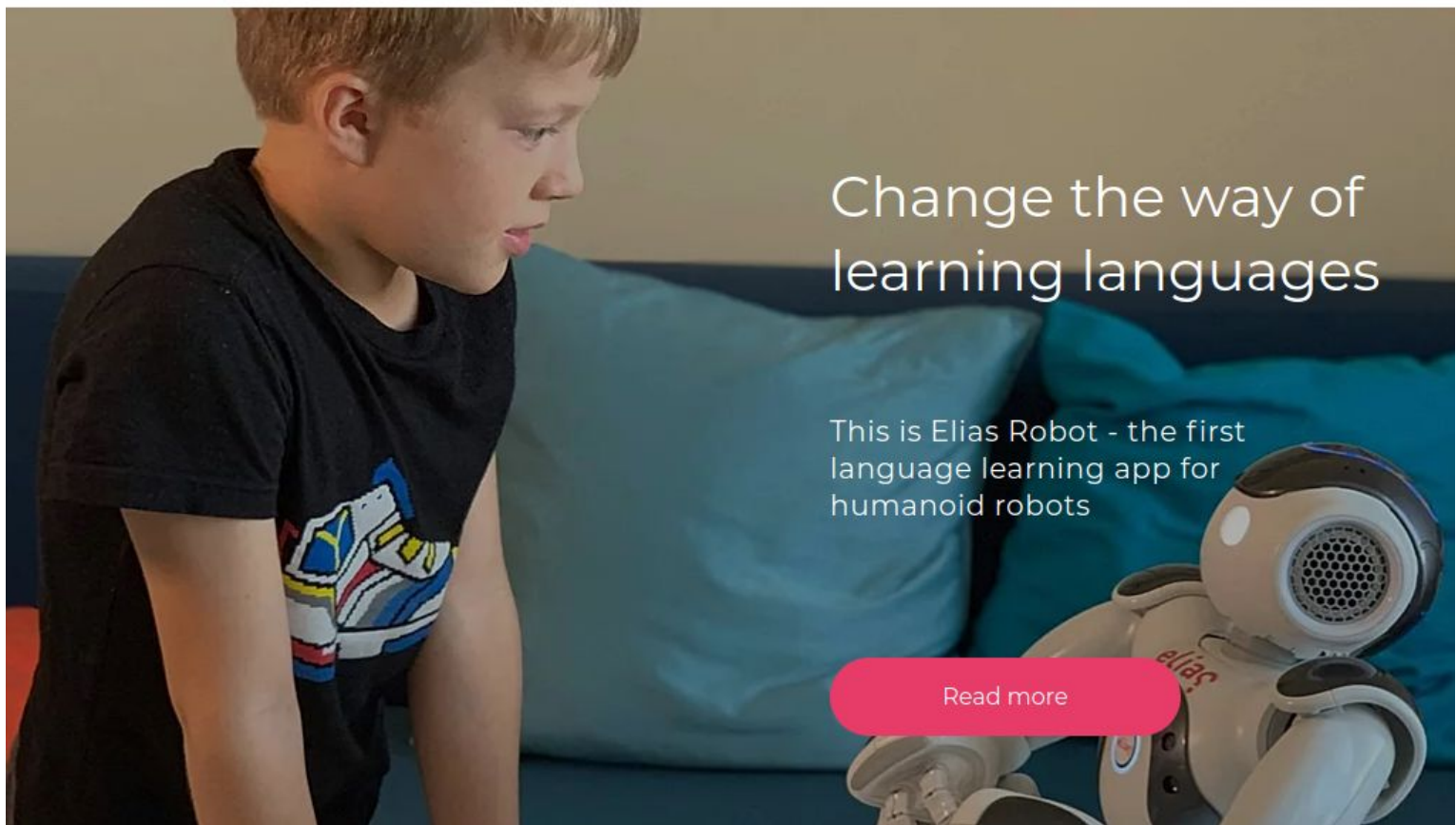
Elias Robot

For Teachers

News



Elias App



Change the way of  
learning languages

This is Elias Robot - the first  
language learning app for  
humanoid robots

Read more

# Licence key

Enter your licence key.



Login

 Contact



Enter your license number

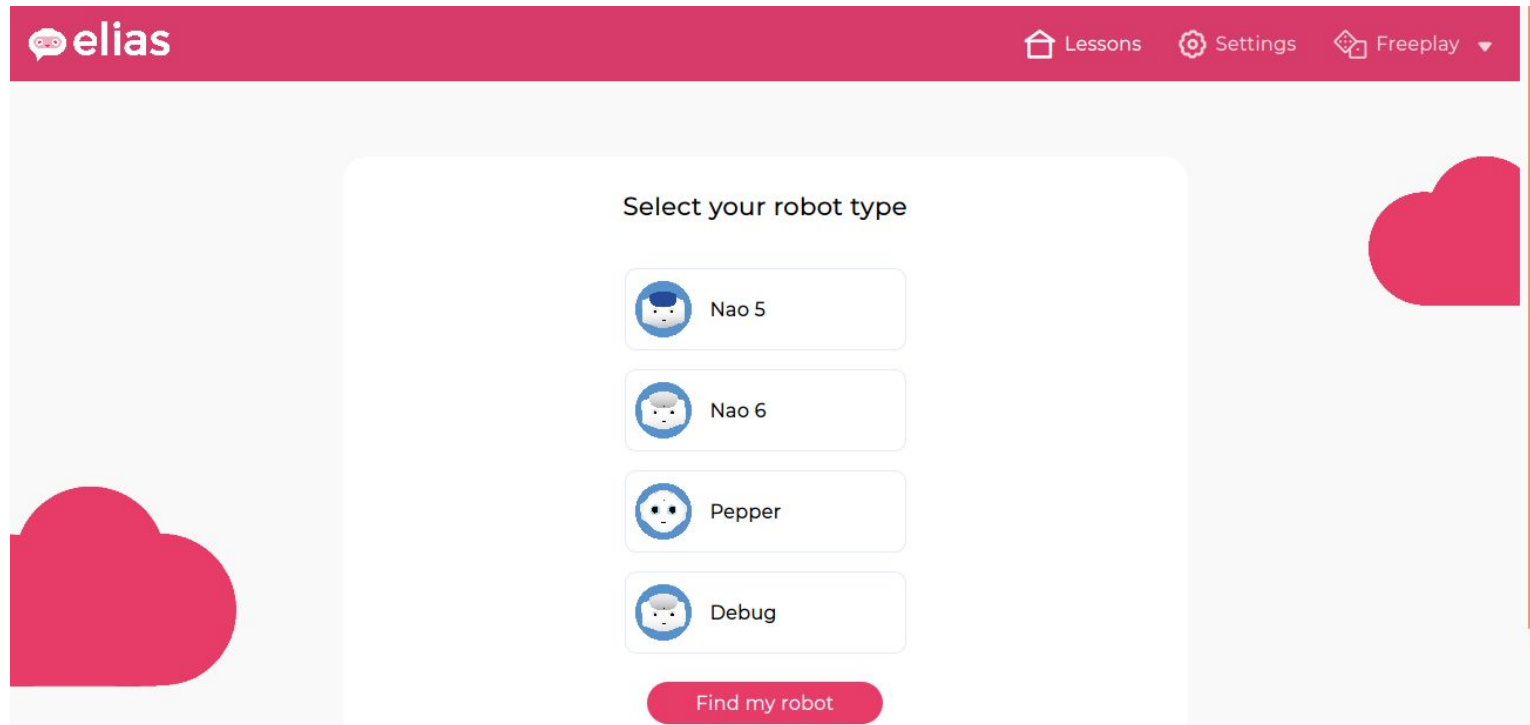
Sign In

Forget license number?

Don't Have one? [Contact us](#)

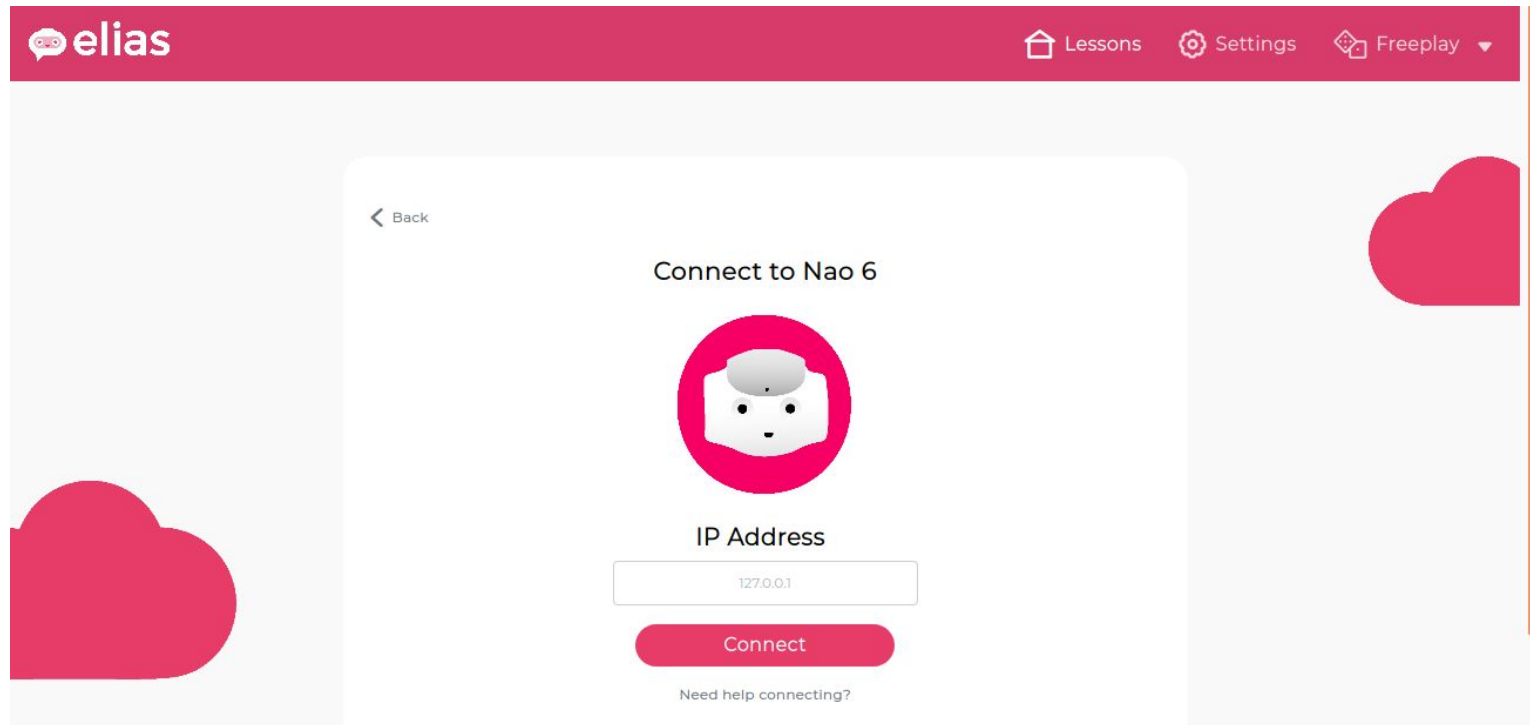
# Select the robot

Select your robot type and version.



# Connect to the internet

Press your robot's chest button and write the ip address down.  
Whenever the robot pauses between numbers, add a dot there.  
Do not add any dots at the end.

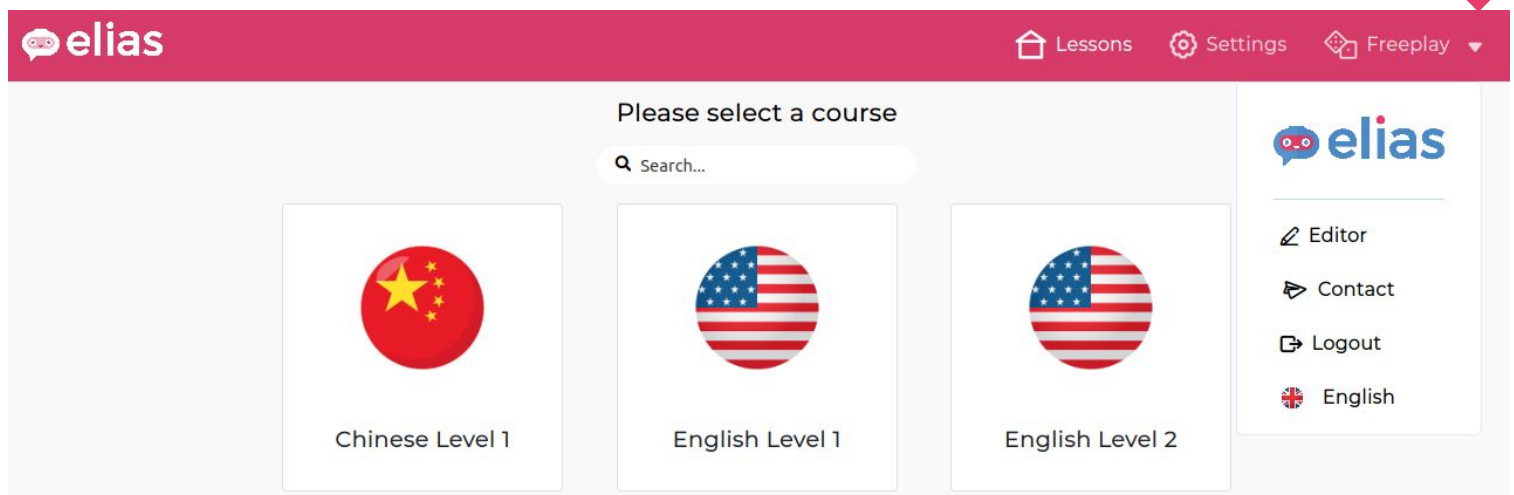


# Change the app language

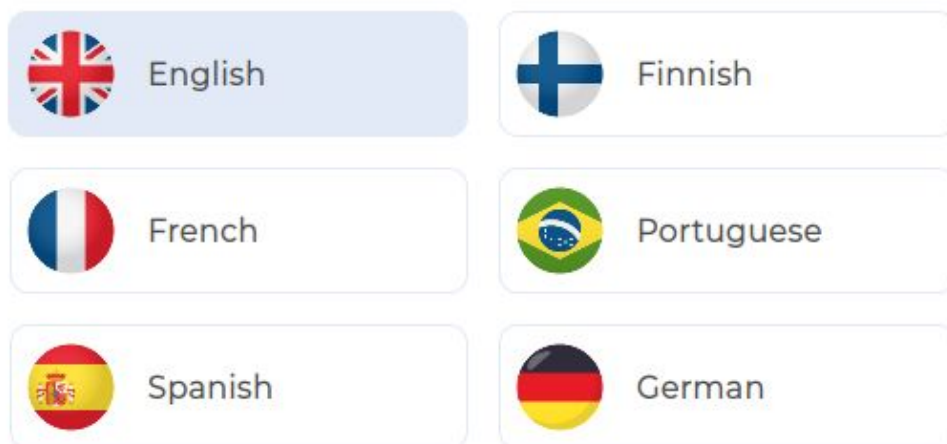
By default, the application is displayed in the same language as your browser's.

To change it, open the options menu by clicking on the small arrow on the right. Click on the current language, then select the language in which you would like to display the application.

Press Continue to save and go back.



## Select your native language



Continue

# Select a course

Please select a course

 Search...



Chinese Level 1



English Level 1



English Level 2



German Level 1



Halloween



Italian Level 1



Ruotsi A1.1



Spanish Level 1



Suomen kielen  
alkeita



# Select a lesson

< Choose another course

## English Level 1



Hello!



Let's make friends!



Numbers



My Family



What's your favourite colour?



Can I have a fruit?



On the farm



Head and shoulders, knees and toes



Do you like this cap?



Simon says...

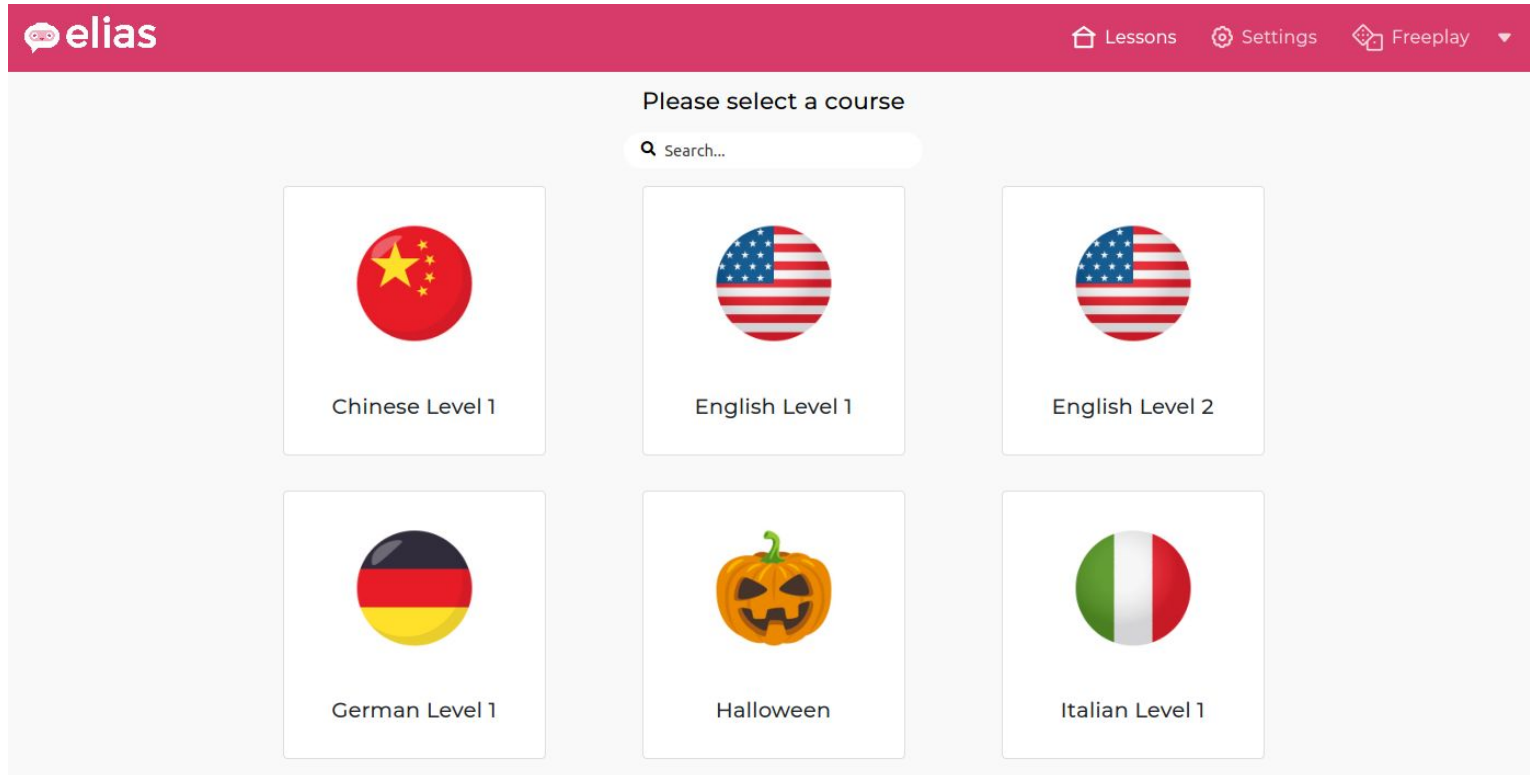


How are you feeling today?

# Select the instruction language

When you start the lesson, you will be asked to select the instruction language. This is the language used by Elias to explain how the exercises work.

You can also change it later from the Settings page.



### Robot Settings







Name

Speed

x0.85

Volume

Select the instruction language



Save settings

Back to lessons

# ‘Repeat’ exercise

Elias helps students to learn words and phrases by listening and repeating. The robot will say a word and, at the same time, you can see a matching image in the application.

You can listen to the words again by clicking on the listen button:

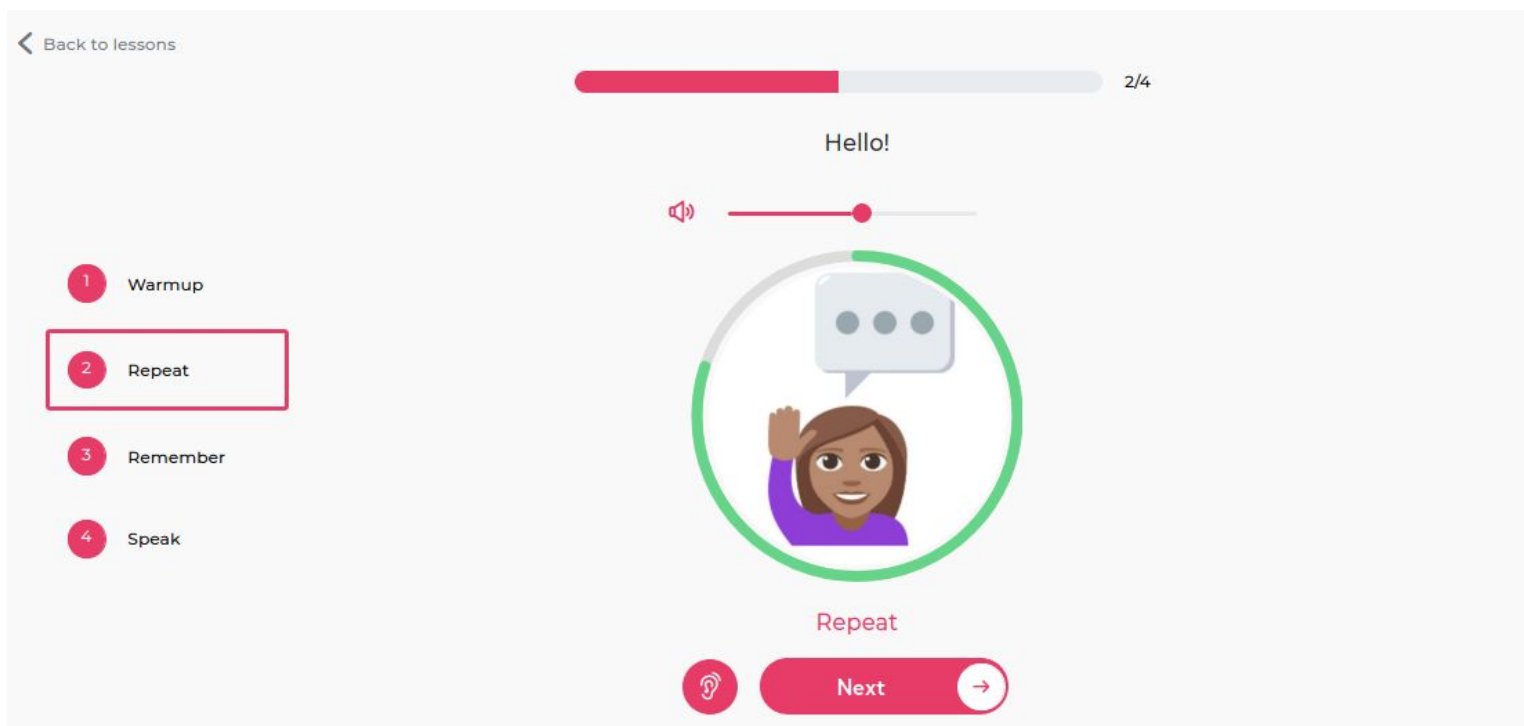


If you repeat the word correctly, Elias will give you some positive feedback including a funny sound and colorful eyes (Candy Eyes).

You can check how the word is spelled by clicking on the image. The image will flip like a flashcard, so you can see how the word is written. Each exercise has a circular progress bar, which indicates how accurately the learner pronounces the word or phrase.

You can adjust the volume by using the volume slider above the image.

You can continue to the next word by clicking on the **Next** button under the image.



# 'Remember' exercise

**Remember** exercises help you to remember the words and phrases. Elias shows the same images as in the repeat exercise. You should say the word to Elias and it will listen to you.

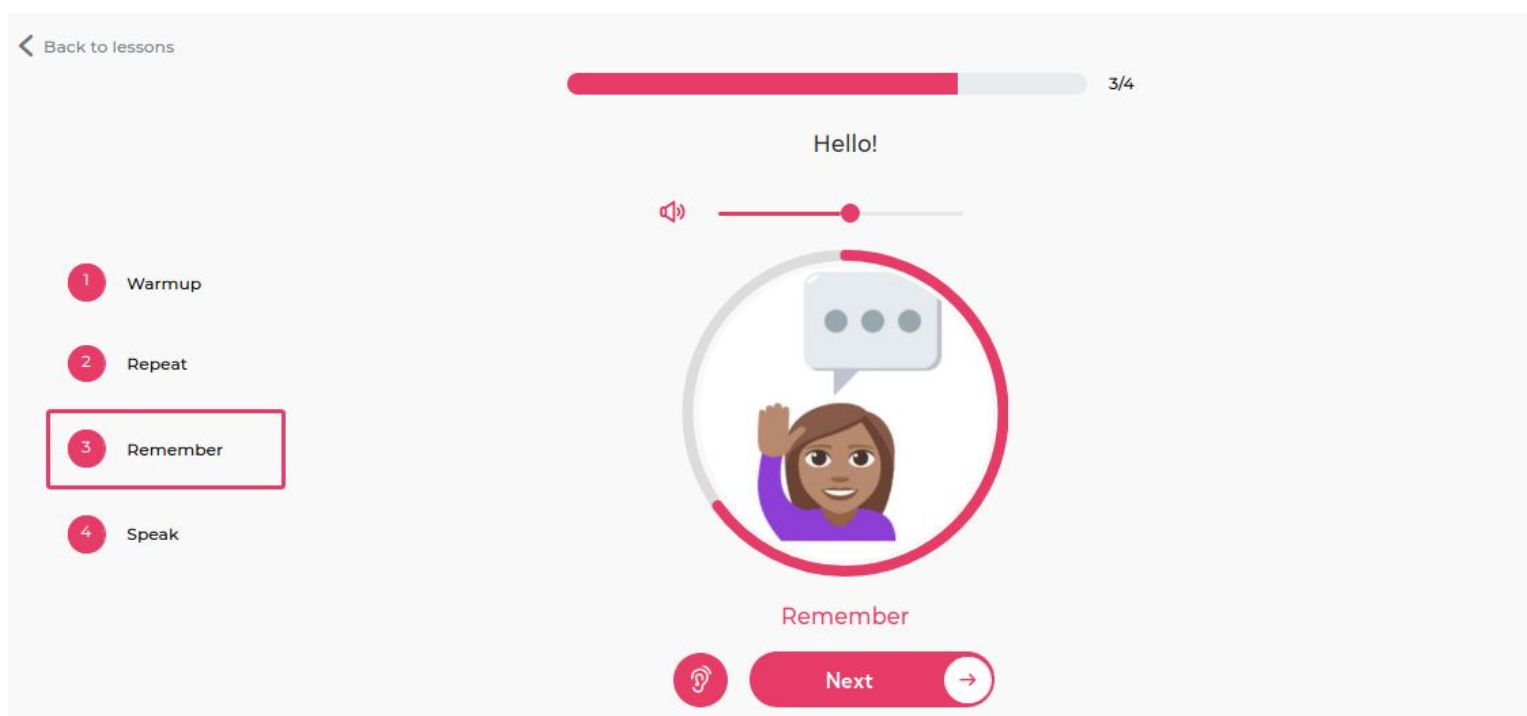
You can click on the listen button to hear it again:



You can check how the word is spelled by clicking on the image. The image will flip like a flashcard, so you can see how the word is written.

Elias will give some positive feedback when you remember the word correctly, with a funny sound and animated eyes (Candy Eyes).

You can continue to the next word by clicking on the **Next** button under the image.



# 'Speak' exercise

Once you have learned some word and phrases, you can have an informal conversation with Elias about the theme of the lesson.

Elias will give you instructions about how the discussion will start. For example:

"Say hi to me"



"Press my head tactile when you are ready"

The Speak exercise ends by clicking the **Finish** button.

[Back to lessons](#)

4/4

Hello!


 

1 Warmup

2 Repeat

3 Remember


**4 Speak**



Speak

Finish

# 'Quiz' exercise

In the Quiz exercise the robot asks questions and gives several possible answers. You can listen to the question again by clicking on this button: 

Move to the next question by clicking on **Next**.

What is the capital of Finland?  
A) Turku, B) Tampere, C) Helsinki?

Suomi-visa



1 Warmup

2 Repeat



Repeat



# Settings

From the Settings page, you can change your robot's name, adjust its speech rate, as well as its volume.

You can also select the instruction language. English is the default language.

When you're done, click on the Save settings button.



**elias** Lessons Settings Freeplay ▼

### Robot Settings

Name  
Elias

Speed x0.85

Volume

Select the instruction language

UK Finland France Brazil Spain Germany

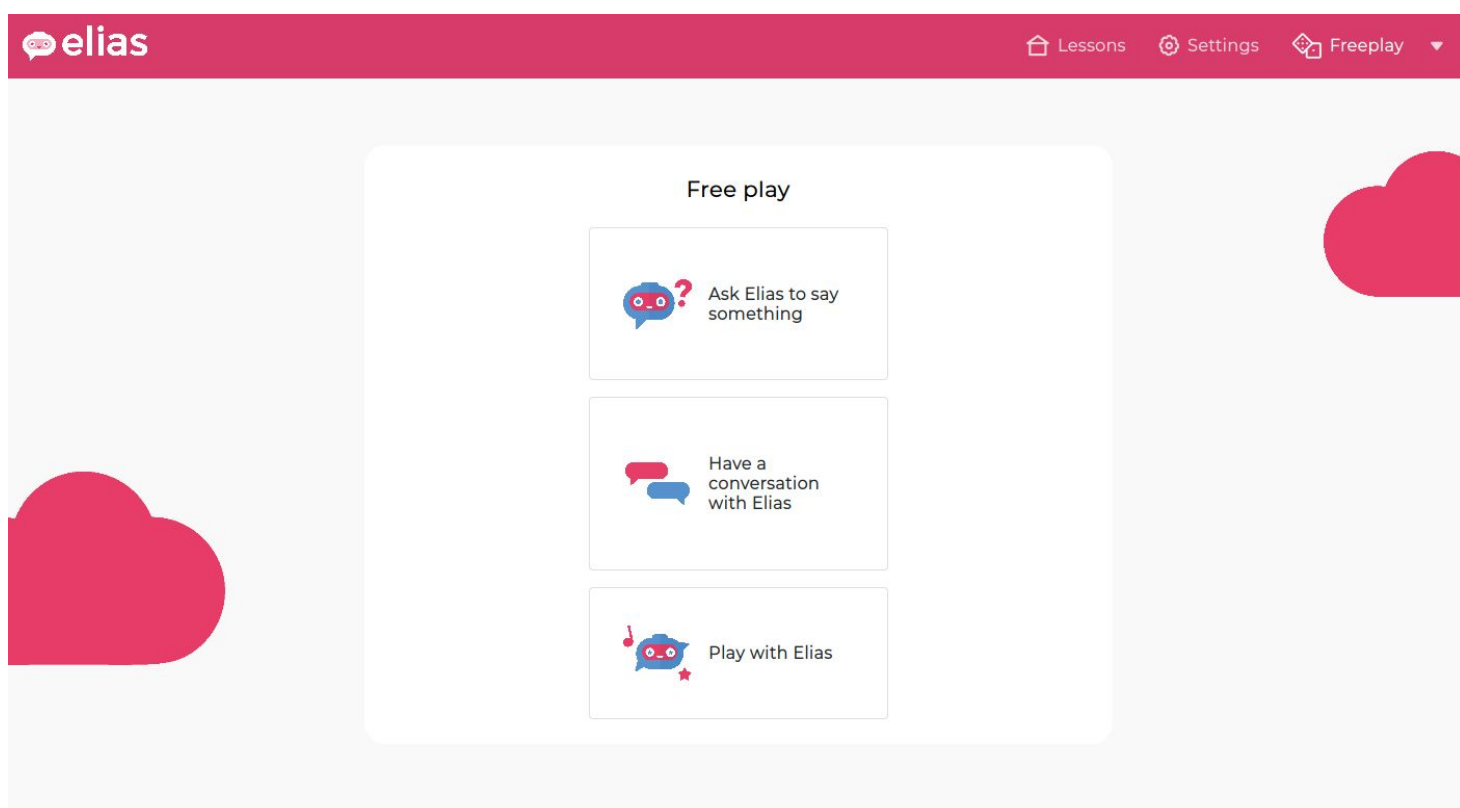
Save settings

Back to lessons

# Free Play

In the Free Play section, there are three different kinds of activities:

- 1) Ask Elias to say something: write some text, and the robot will say it.
- 2) Have a conversation with Elias: start a chat with the robot.
- 3) Play with Elias: ask Elias to sing, dance, or even play guitar.





# Ask Elias to say something

You can ask Elias to read a text in any of the languages installed on your robot.

Select the language in which you want Elias to speak. Write your text, then click on **Speak**.

 Back

Ask Elias to say something

English



Hi! My name is Elias, how are you?

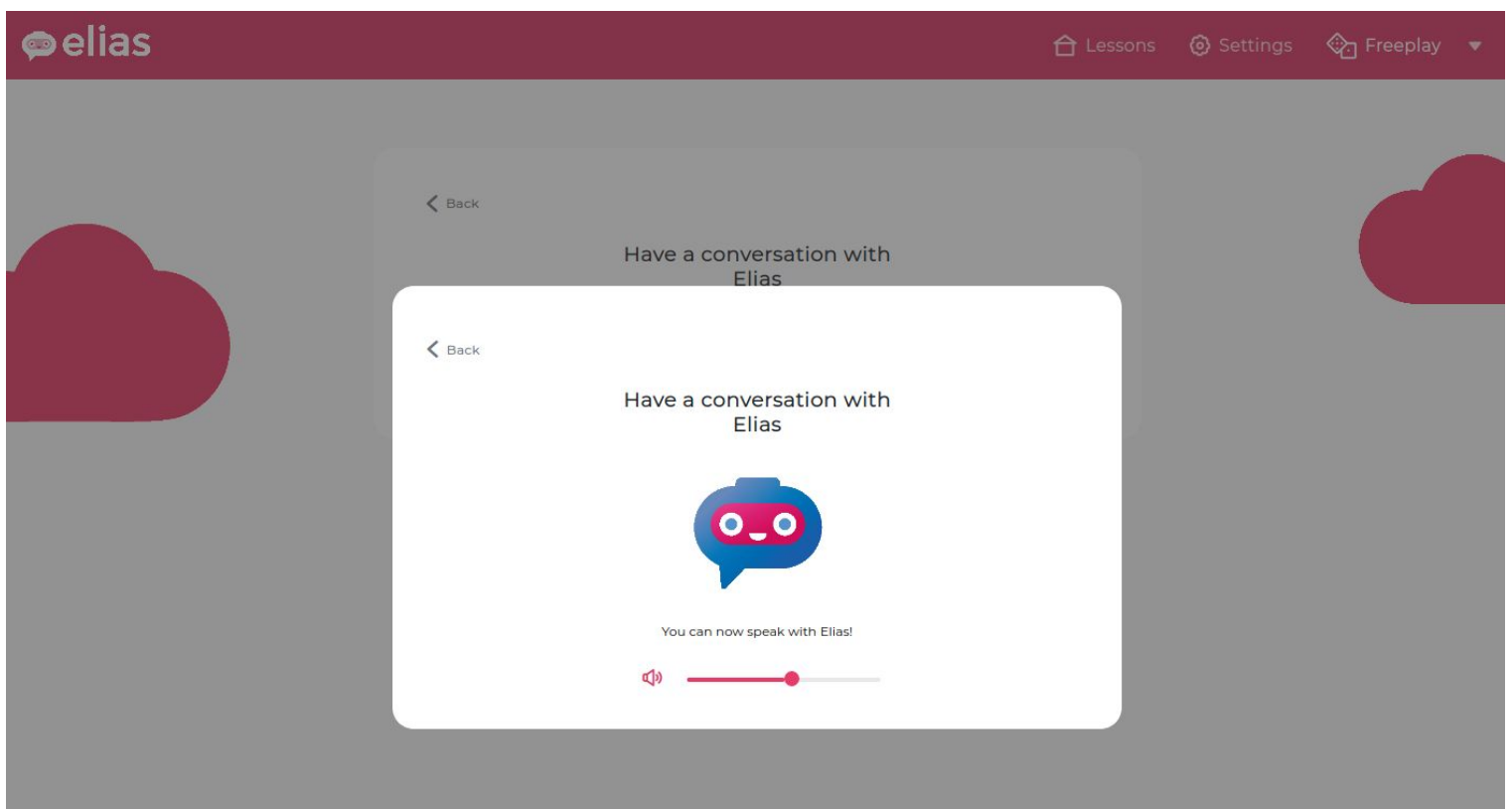
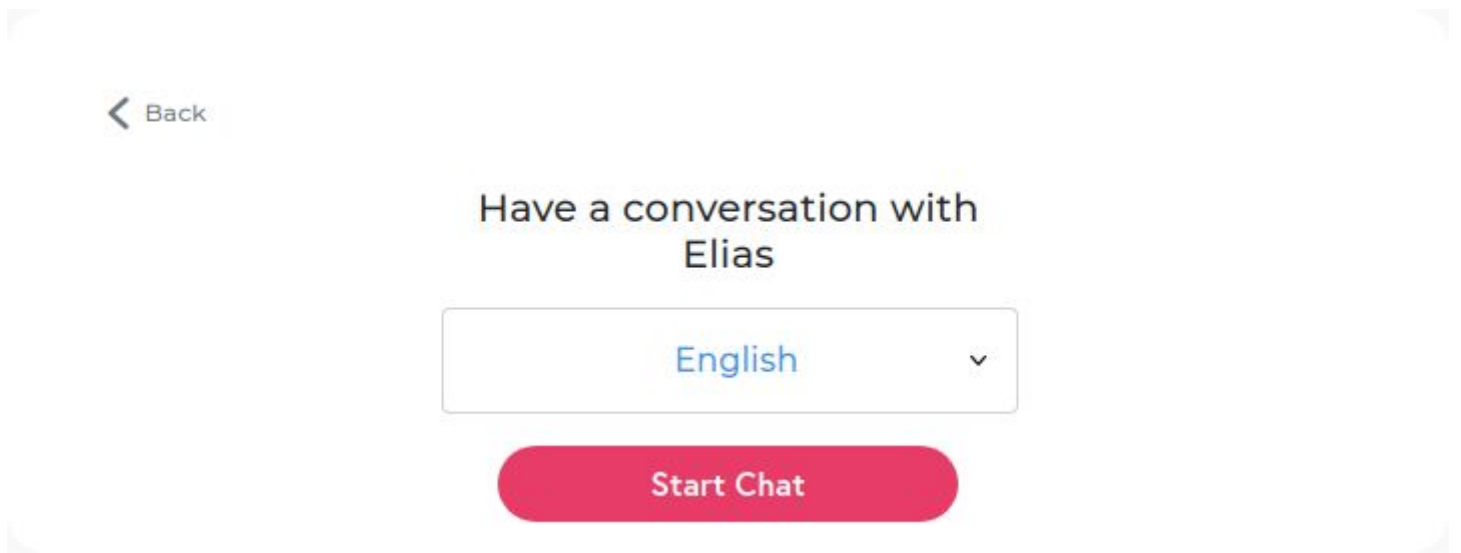
Speak

# Have a conversation with Elias

Choose the language, then click on **Start chat**. You can start chatting when you see the text “You can now speak with Elias!”

You can chat quite informally with Elias. We are constantly developing and improving the chat content.

At the end of this manual you will find some example questions and sentences which you can use with Elias.



# Play with Elias

The action buttons make Elias dance, sing, play guitar, etc.

 Back

## Play with Elias



Dance



Sing



Play  
Guitar



Get up



Robot

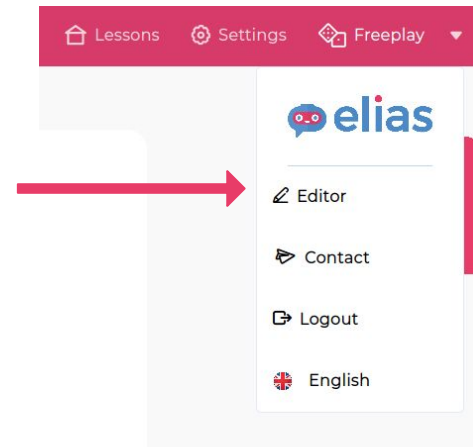










Sit Down


# The lesson editor

To access the lesson editor, click on the arrow to open the options menu, then choose Editor.

You can see your own lessons by choosing **Custom lessons**, or view all lessons by selecting **All**.



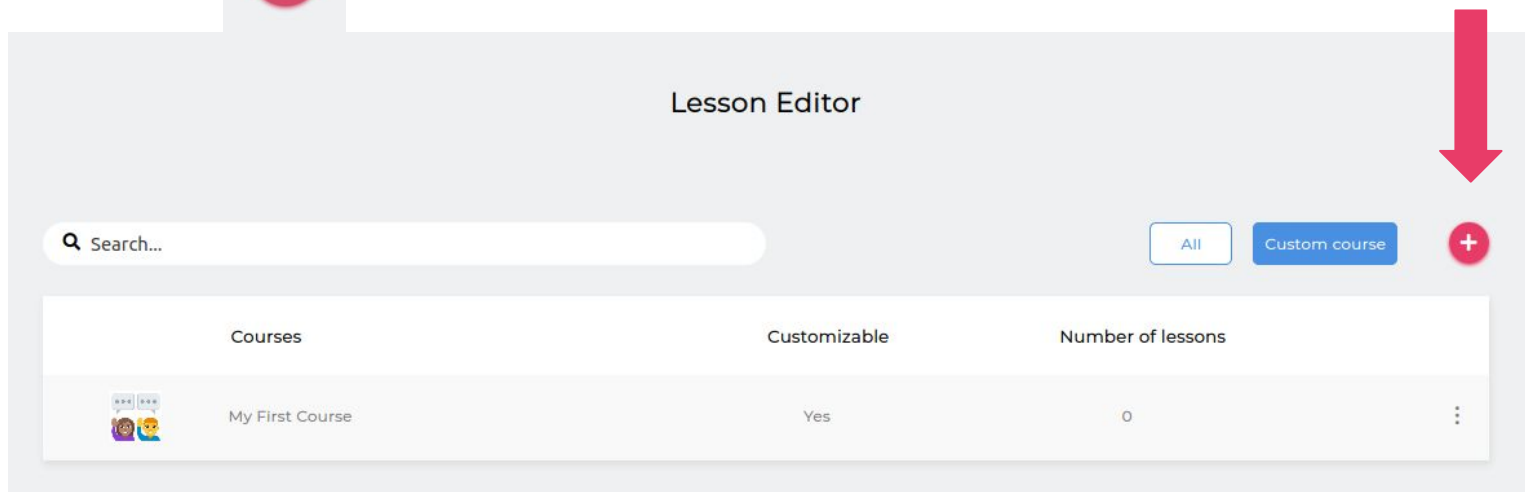
Lesson Editor			
<input type="text" value="Search..."/>		<a href="#">All</a>	<a href="#">Custom course</a> <span>+</span>
Courses	Customizable	Number of lessons	
 Chinese Level 1	No	9	⋮
 English Level 1	No	10	⋮
 English Level 2	No	11	⋮
 German Level 1	No	10	⋮
 Halloween	No	2	⋮
 Italian Level 1	No	11	⋮
 My First Course	Yes	0	⋮
 Ruotsi A1.1	No	4	⋮

Lesson Editor			
<input type="text" value="Search..."/>		<a href="#">All</a>	<a href="#">Custom course</a> <span>+</span>
Courses	Customizable	Number of lessons	
 My First Course	Yes	0	⋮

# Creating a new course

Each course is like a folder that contains several lessons.

Click on  to create a new course.



Give a name to the course and upload an image, then click on **Submit**

Create a course X

Photo



Upload

Course Title

Title

Submit

Create a course X

Photo



Upload

Course Title

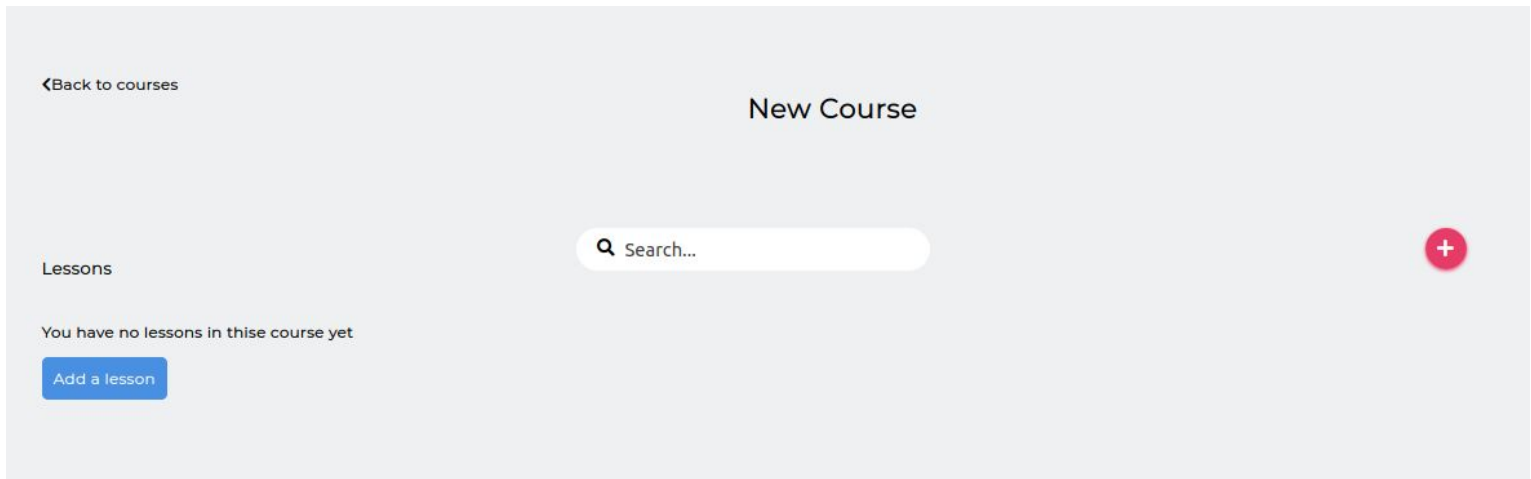
New Course

Submit

Once the course is created, you will be redirected to a new page where you can add lessons to your new course.

# Adding a lesson to your course

Click on **Add a lesson** to create a new lesson.



You will be redirected to a page where you can edit your lesson (see p.23).

# Editing a lesson

Enter the title of your lesson, and upload an image to add a cover (A & B).

Next, choose the target language for the lesson (C). By default, all lessons are in English.

The screenshot shows the 'Elias' lesson editor interface. At the top, there is a pink header bar with a 'Back to Elias App' button on the left and the 'elias' logo in the center. Below the header, the main content area is light gray. A 'Back to course' link is on the left. In the center, there is a section for the lesson title and cover image, labeled with a red 'B' and 'Lesson 1' (labeled with a red 'A'). To the left of this section is a language selection dropdown menu labeled with a red 'C', currently set to 'English'. To the right of the language menu is a blue 'Save' button labeled with a red 'D'. Below these elements are two main sections: 'Warmup' and 'Repeat'. The 'Warmup' section has tabs for 'Instruction' and 'Dialogues'. Under 'Instruction', there is a note: 'Note: This is the instruction given by the robot at the beginning of the section.' Below the note, there is a language selector showing 'English' and other options (Finnish, French, Portuguese, Spanish, German). A text input field with the placeholder 'Press start' is also present. The 'Repeat' section has tabs for 'Instruction' and 'Phrases'. Under 'Instruction', there is a note: 'Note: List of words and phrases'. At the bottom of the 'Repeat' section, there is a button labeled 'Add or edit phrases'.

When you're finished, click on the Save button (D).

The next part of the lesson consists in different sections which you can edit.

# Adding instructions

Each section comes with default instructions, but you can change them by clicking on the **Instructions** tab.

From there, you can write your own instructions, which will be said by Elias when starting a new section. You can translate them in multiple languages.



Warmup

Instruction

Dialogues

Note: *This is the instruction given by the robot at the beginning of the section.*

English

Finnish

French

Portuguese

Spanish

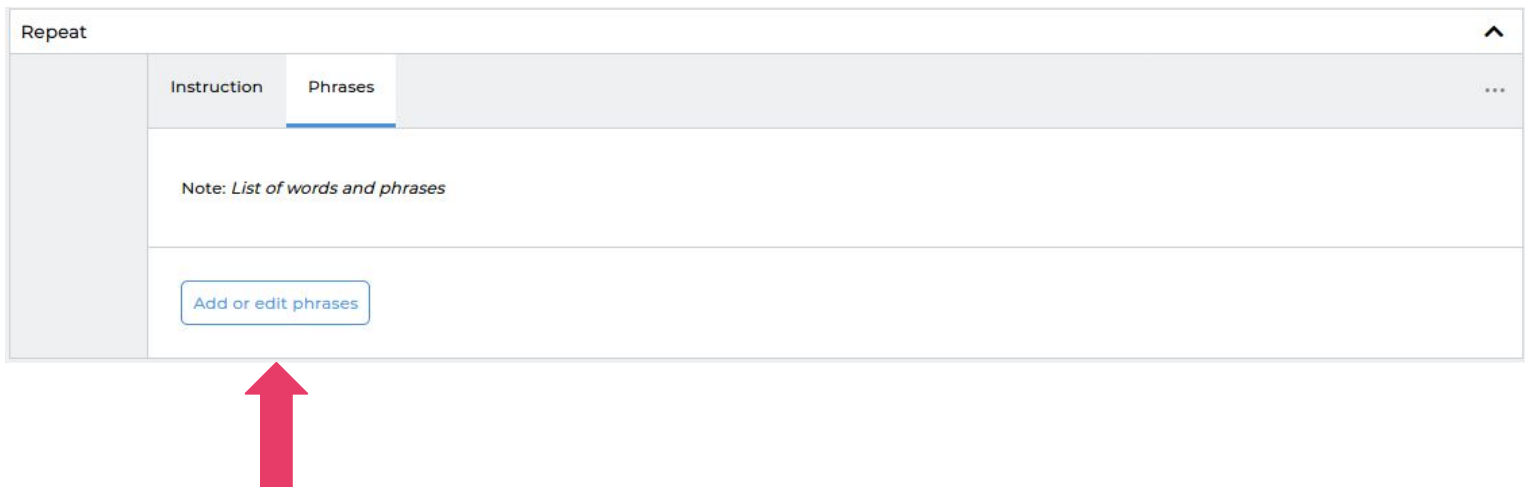
German

Press start



# Adding words and phrases

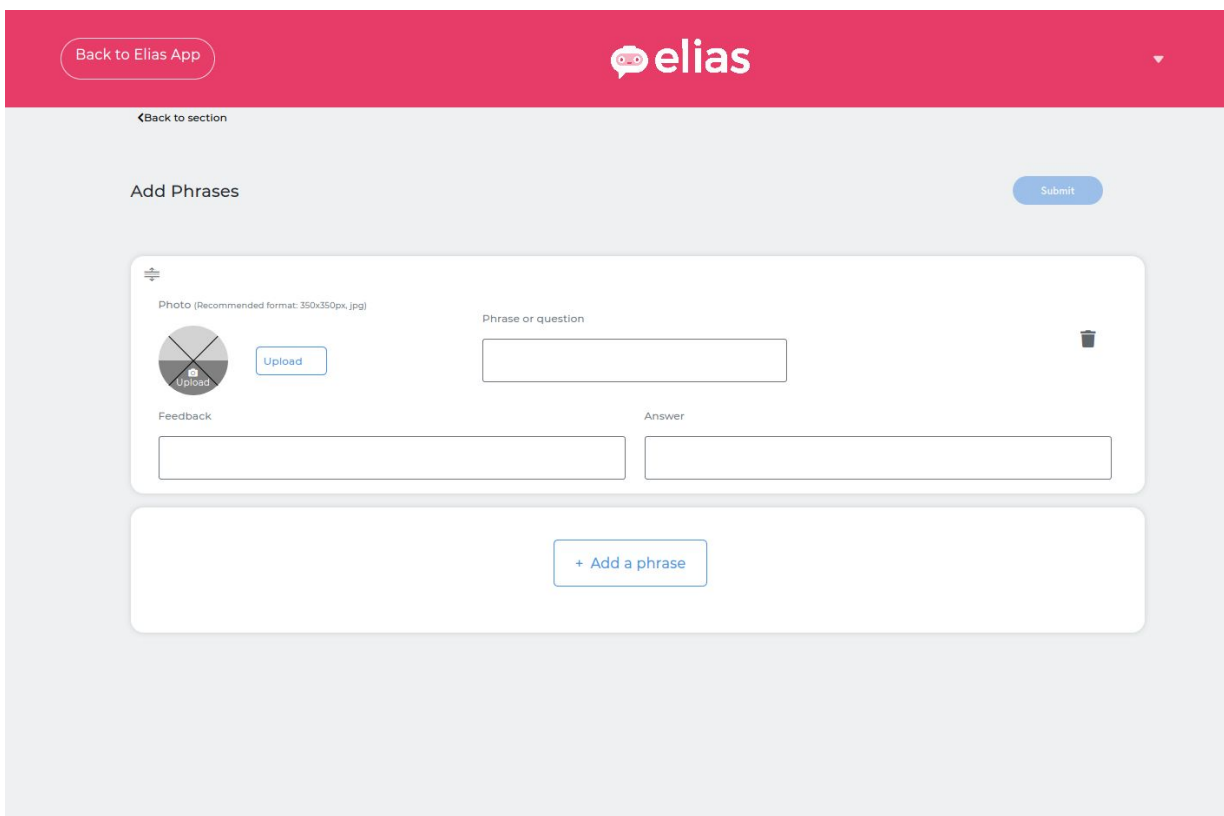
In Repeat and Remember sections, you can add as many words or phrases as you want by clicking on **+ Add phrase**



The screenshot shows a web interface for the 'Repeat' section. At the top, there's a header bar with the word 'Repeat' on the left and an upward arrow on the right. Below this is a tabbed interface with two tabs: 'Instruction' and 'Phrases'. The 'Phrases' tab is currently selected and highlighted with a blue underline. Under the 'Phrases' tab, there is a note that says 'Note: List of words and phrases'. Below the note, there is a button labeled 'Add or edit phrases'. A large red arrow points upwards from below the button towards the button itself.

You will be redirected to a page where you can create new phrases for that section.

The phrases you add or edit in your Repeat section will be duplicated to your Remember section, and vice versa.



The screenshot shows the 'Add Phrases' page in the Elias app. At the top, there is a pink header bar with a 'Back to Elias App' button on the left, the 'elias' logo in the center, and a downward arrow on the right. Below the header, there is a 'Back to section' link on the left and a 'Submit' button on the right. The main content area is titled 'Add Phrases'. It contains a form with several fields: a 'Photo' field with a recommended format of 350x350px, an 'Upload' button, and a trash icon; a 'Phrase or question' text input field; a 'Feedback' text input field; and an 'Answer' text input field. At the bottom of the form, there is a '+ Add a phrase' button.

# Adding words and phrases

For Repeat and Remember sections, you need to add:

- An image. You can add one by clicking on Upload, or directly on the image circle. Make sure that your image is not too large.
- A phrase or question. You can enter any text under 82 characters.

If you want to change the order of your phrases, click on the handle on the top left of each box, and drag the phrase to the right place.


Phrase cards can be deleted by clicking on trash can.

When you are ready, click on **Submit**. It will save your changes and take you back to the main lesson.

Add Phrases

Submit


Photo (Recommended format: 350x350px, .jpg)



Upload

Phrase or question


mom



Feedback

Answer


Photo (Recommended format: 350x350px, .jpg)



Upload

Phrase or question

dad



Feedback

Answer

# Creating a Quiz exercise

You can create Quiz exercises by using the phrase cards.

A) Add a question to the **Phrase or question** box.

B) Add the correct answer to the **Answer** box.


C) Add robot's feedback to the **Feedback** box.

Click on **Submit**.

Add Phrases

Submit

Photo (Recommended format: 350x350px, jpg)



Upload

Phrase or question

What is the capital of Finland? A. Helsinki B. Tampere

A

Feedback

Well done, it was answer A - Helsinki!

C

Answer

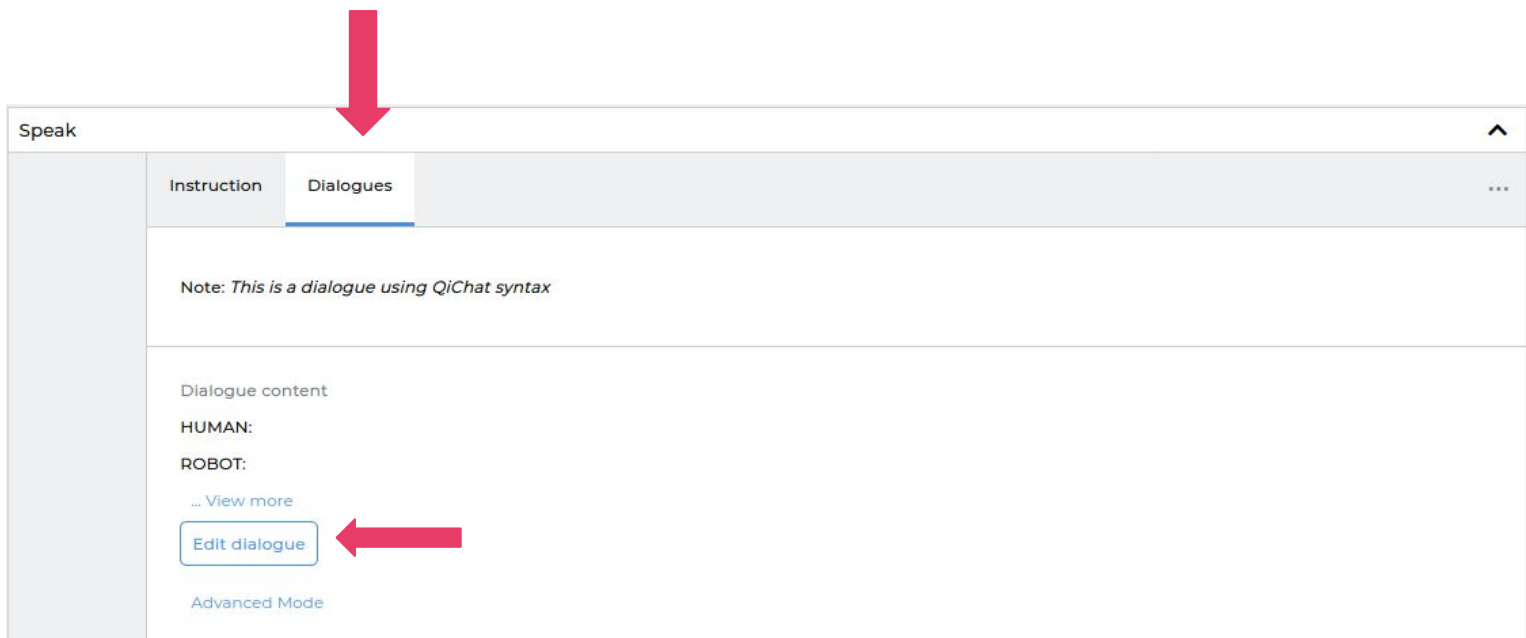
A, Helsinki

B

# Adding a Dialogue

You can add dialogues to **Warm up** and **Speak** sections.

To do so, click on the **Dialogues** tab, then on “Edit Dialogue”.



It will open a window where you can add your own dialogue content.

A screenshot of a window titled 'Create a dialogue' with a close button (X) in the top right corner. The window is divided into two sections: 'Human' and 'Robot'. The 'Human' section has a red input field with the placeholder text 'Enter human input'. The 'Robot' section has a blue input field with the placeholder text 'Enter robot output'. Below these sections, there is a horizontal line. At the bottom of the window, there is a white input field with the placeholder text 'Human input' and a red button with a right arrow. At the very bottom of the window, there is a blue button labeled 'Submit'.

# Adding a Dialogue

×

Create a dialogue

Human

**A** Hello

Robot

**B** Hi! How are you?

---

Human

What's your name?

---

**C** My name is Elias

→

Submit

For each part of the dialogue, you need:

- A **human input (A)**: what the human should say.
- A **robot output (B)**: what Elias will answer when hearing the human input.

In this example, if you say “Hello” to Elias, it will answer “Hi! How are you?”

To add a new field, type in the box at the bottom (C ), and press enter. To edit a field, you can click on it and start changing the content.

# Adding a Dialogue

The interface shows a dialogue sequence:

- Human:** Hello
- Robot:** Hi! How are you?

A grey box highlights the next step:

- Human:** What's your name?
- Robot:** My name is Elias

Below the dialogue, there is a text input field labeled "Human input" with a red arrow button to its right. At the bottom right is a blue "Submit" button.

If you want to delete parts of the dialogue, put your mouse on the field group you want to remove, then click on the Trash icon appearing on the left.

When you are satisfied with your dialogue, click on **Submit** to save it.

To make sure the Elias is able to understand the human input correctly, avoid long sentences. You can also add optional words by wrapping them inside curly brackets:

“Can i have {some} more {food} {please}”

This will make it easier for Elias to understand you.

# Deleting sections

You can delete the sections you don't need by opening the options menu on the top right, then choose **Delete**.



Warmup

Instruction

Dialogues

Delete

...

Note: This is the instruction given by the robot at the beginning of the section.

English

Finnish

French

Portuguese

Spanish

German


Press start

# Saving the lesson

When you are ready, remember to save your work by clicking on **Save**.

Now you can switch to Elias Application and your new lesson is ready for use!

[Back to course](#)

 Lesson 1

English ▾

Save

Warmup

Instruction

Dialogues

Note: This is the instruction given by the robot at the beginning of the section.

English Finnish French Portuguese Spanish German

Press start



# Editing course information

If you want to edit the title or cover of your course, go to the main page and open the options menu on the right. Click on **Edit**.

	Italian Level 1	No	11	
	My First Course	Yes	0	
	New Course	Yes	1	<div><div>Edit</div><div>Duplicate</div><div>Delete</div></div> 
	Ruotsi A1.1	No	4	

## Edit Course



Photo



Upload

Course Title

New Course (Edited)




Submit

Edit the cover and title, then press the **Submit** button when you're finished.

# Duplicating a course

It is not possible to edit our ready-made content directly. However, you can duplicate our courses to modify them.

To do so, choose a course to duplicate, and open the options menu on the right. Click on **Duplicate**.

Courses		Customizable	Number of lessons	
	Chinese Level 1	No	9	
	English Level 1	No	10	<div>Duplicate</div>
	English Level 2	No	11	

Another copy of the course will appear on the list. You will be able to edit this course by adding new lessons to it, or changing the content of existing lessons.

# Duplicating a lesson

It is also possible to duplicate a single lesson, and add it to any of your custom courses. To do so, select a course, then open the options menu of the lesson you want to duplicate. Click on **Duplicate**.

Lessons	Target Language	Target Group	
 Hello!	English	All	<div>View Duplicate</div>
 Let's make friends!	English	All	<div></div>

A window will open where you can select where you want to add the duplicated lesson. You can only add it to your custom courses.

## Duplicate Lesson

Target Course

Choose where to add your lesson.

-  My First Course
-  New Course

## Duplicate Lesson

Confirm

The lesson *Hello!* will be copied to the following course:

-  New Course

Back

Confirm

Select your target course, then click on **Confirm**. If you want to change it, you can click on **Back**.

Once the lesson is duplicated, you can view and edit it by clicking on View Lesson.

## Duplicate Lesson

Hello! (Copy)



View Lesson

# Support

If you need any assistance or support, please contact:  
**[support@eliasrobot.com](mailto:support@eliasrobot.com)**



# ENGLISH - CHAT CONTENTS

## Some examples

### **Greetings**

Hi / Hello

Good morning

Good afternoon

Good evening

Good night

Bye bye

### **Introduction**

Who are you? / What's your name?

How are you?

How are things?

How's it going?

How are you doing?

How are you feeling today?

Thanks / Thank you

Sorry

### **Skills**

What can you do?

Tell a joke

Floss

Dab

Dance

Be a monster

Be a robot

Vacuum

Play guitar

Sing a birthday song

Take a photo

Clap your hands

Wink an eye

Laugh

Cry

Be angry

Sneeze

Drink

Sit down

Walk

Get up

Play football

## **Emotions**

How are you feeling today?

I like / love you

Can we be friends?

Are you afraid of something?

What are you afraid of?

What is your biggest fear?

## **Family**

Do you have any brothers or sisters?

What other family member do you have?

## **Age**

How old are you?

## **Weight and height**

How tall are you?

How much do you weight?

## **Hobbies**

Do you have any hobbies?

What are your hobbies?

## **Food**

What is your favourite food?

What is your favourite fruit?

What would you like for breakfast / lunch / dinner / snack?

Can you pass me... / can you give me...?

## **Body parts**

Where is your head / shoulders / knees / toes / eyes / ears / mouth / nose

## **Colors**

What is your favourite colour?

Do you like red/blue/green etc?

## **Weather and seasons**

Let's talk about weather

What is your favourite season?

## **Months, weekdays and time**

When is your birthday?

What do you do on Monday / Tuesday etc.?

What day is it today?

What time is it?

## **Home country and city**

Where are you from?

Where were you born?

Where do you live?

## **Languages and communication**

How many languages do you speak?

What languages do you speak?

Can you speak Finnish / Swedish / English etc.?

Can you repeat?

What did you say?

Speak louder

Speak softer



## **Robot questions**

Can you see me?

Who am I?

Do you understand me?

Are you a robot?

Are you alive?

What is a humanoid robot?

Will robots take over peoples' jobs?

Will robots replace humans?

Do you know the three laws of robotics?

Who made you?

Who programmed you?