

Eye Cue

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810	3
9	51

USER HANDBOOK

VERSION 1.1

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Introduction

What is Eye Cue?

A reading assessment software that helps therapists identify reading difficulties. The assessments focus on 5 key areas - figure ground, ocular motor, saccade, rapid automatized naming and color background simulation.

There are two assessment types - “Read” and “Find”

“*Read*” assesses the reading speed and reading accuracy of the child.

“*Find*” assesses ocular motor and saccade skills by asking the child to search for the target characters. There is an option to set a time limit. The result of the assessment also provides important information about the searching strategy adopted by the child.

The background color of both assessments can be changed. Some people suffer from visual stress disorder (also known as “Irlen Syndrome”) which can lead to headache, reading and other learning difficulties. The software can help the child select his/her most preferred background color for reading.

Installation

Step 1

Download Eye Cue from this link (select the latest version)

<http://www.possibletechnology.com/downloads-page>

Step 2

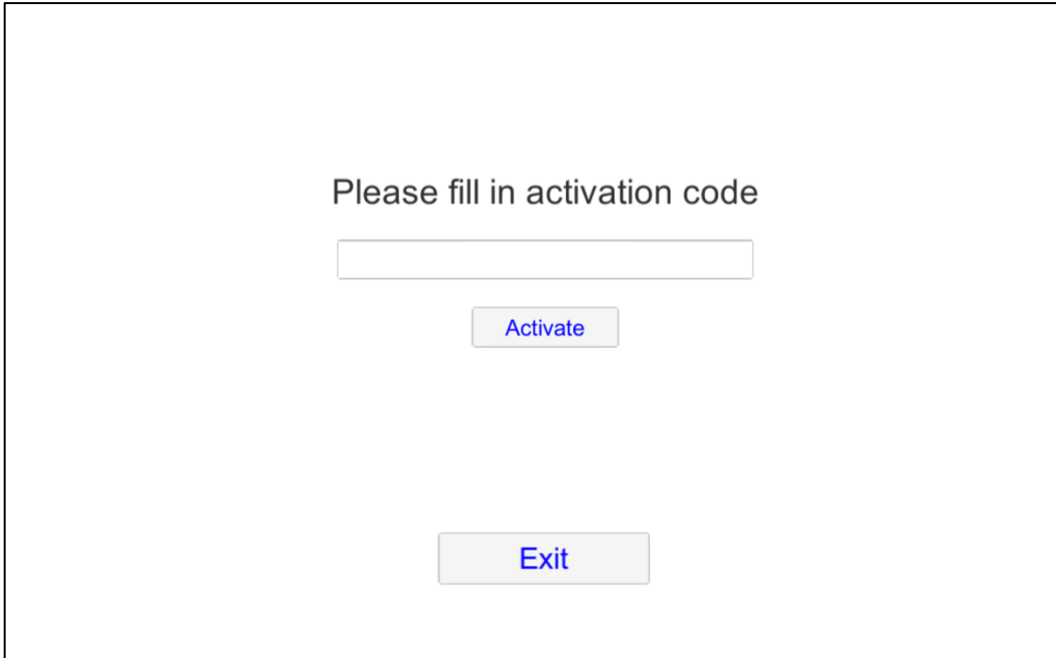
Unzip the downloaded zip file to the location that you want to run the software (e.g. Desktop)

Step 3

Double click Eye Cue to run the software

Activation

If this is the first time you run Eye Cue, you will need to activate the software. Enter the activation code provided when you purchased Eye Cue.



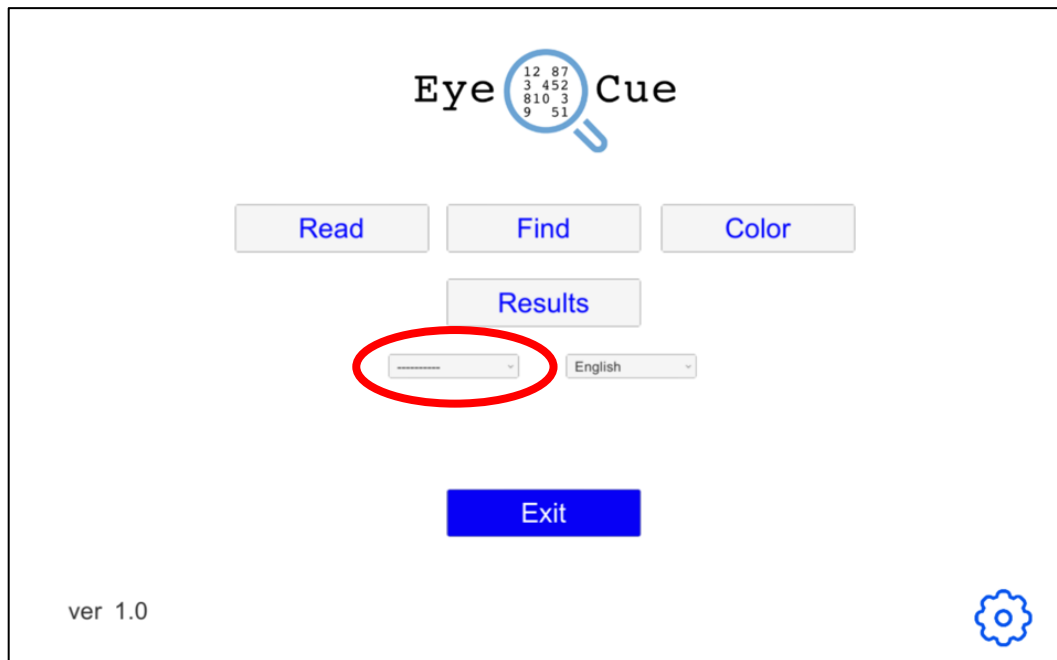
The screenshot shows a simple activation dialog box with a white background and a black border. At the top, the text "Please fill in activation code" is centered. Below this text is a single-line text input field. Underneath the input field is a button labeled "Activate" in blue text. At the bottom of the dialog is another button labeled "Exit" in blue text.

The activation code can only be used on **one** computer. If you need to use Eye Cue on another computer, you must deactivate the software from the computer that it is currently installed on first.

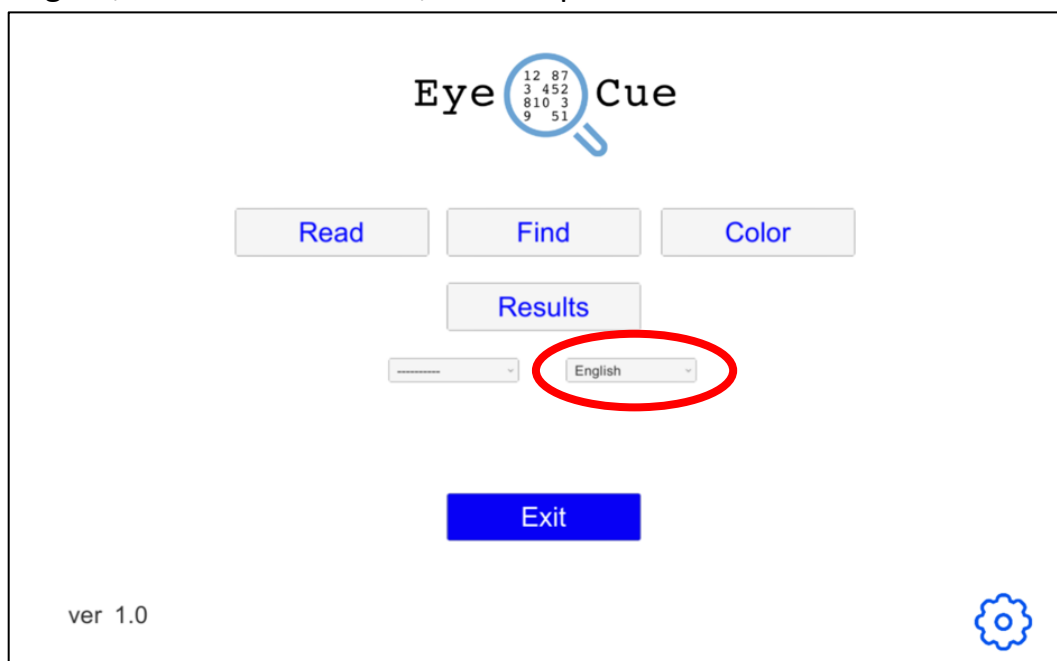
To deactivate the software, please see the Settings section.

Main Menu

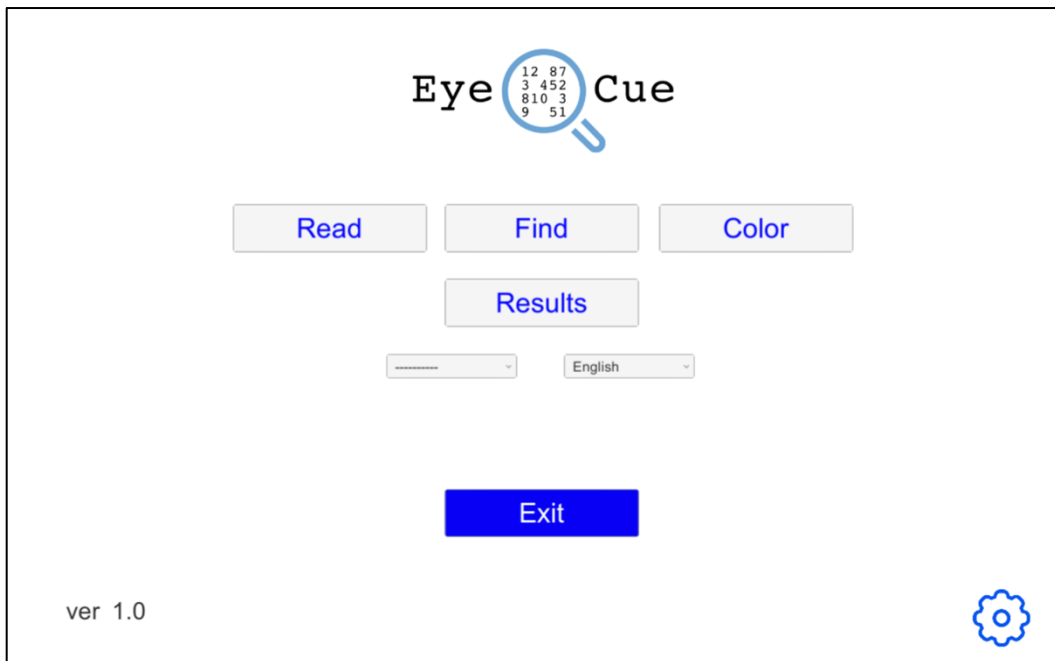
Click to choose the child that you want to assess. If no child is selected, the assessment result cannot be saved.



Click to choose the language you want to use. The available choices are English, Traditional Chinese, and Simplified Chinese.



There are 5 main functions to choose from - “Read”, “Find”, “Color”, “Result” and “Settings”.



Read – start the “Read” assessment

Find – start the “Find” assessment


Color – start the background color picking process

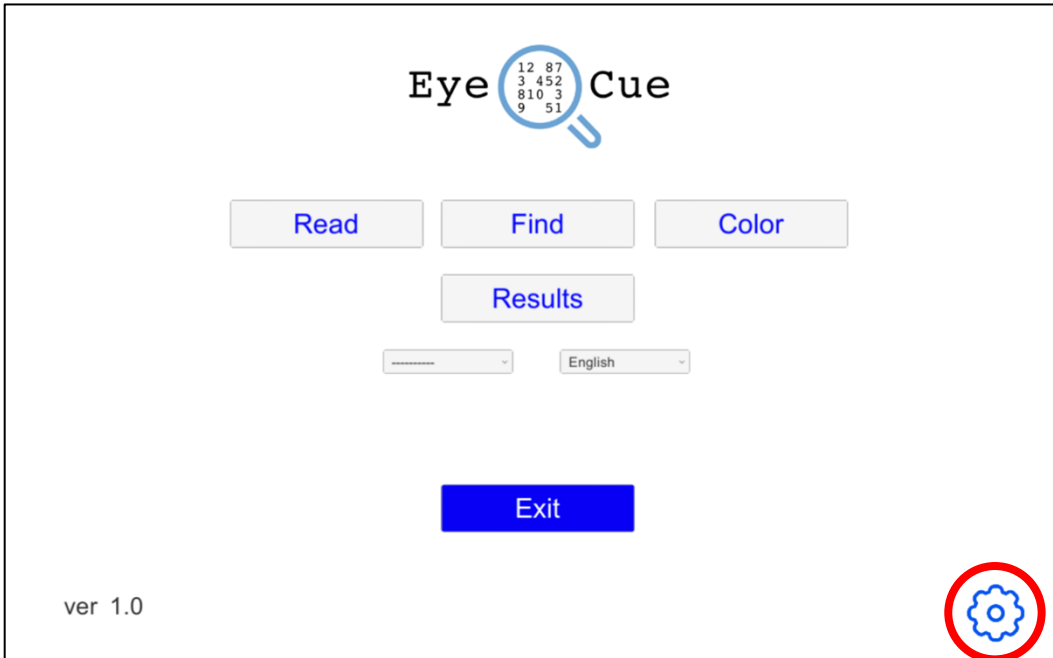
Results – manage the children’s records and review their assessment results


Settings – set folder location and deactivate Eye Cue

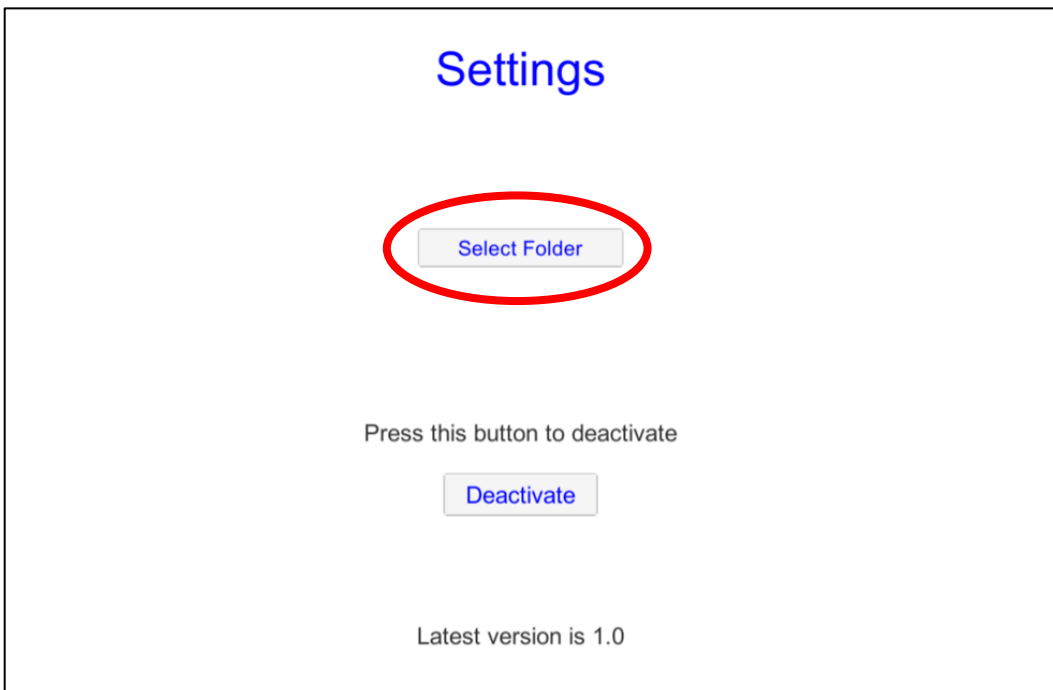
* The software version that you are currently using is displayed at the bottom left corner.

Settings

Click  to enter the Settings screen.



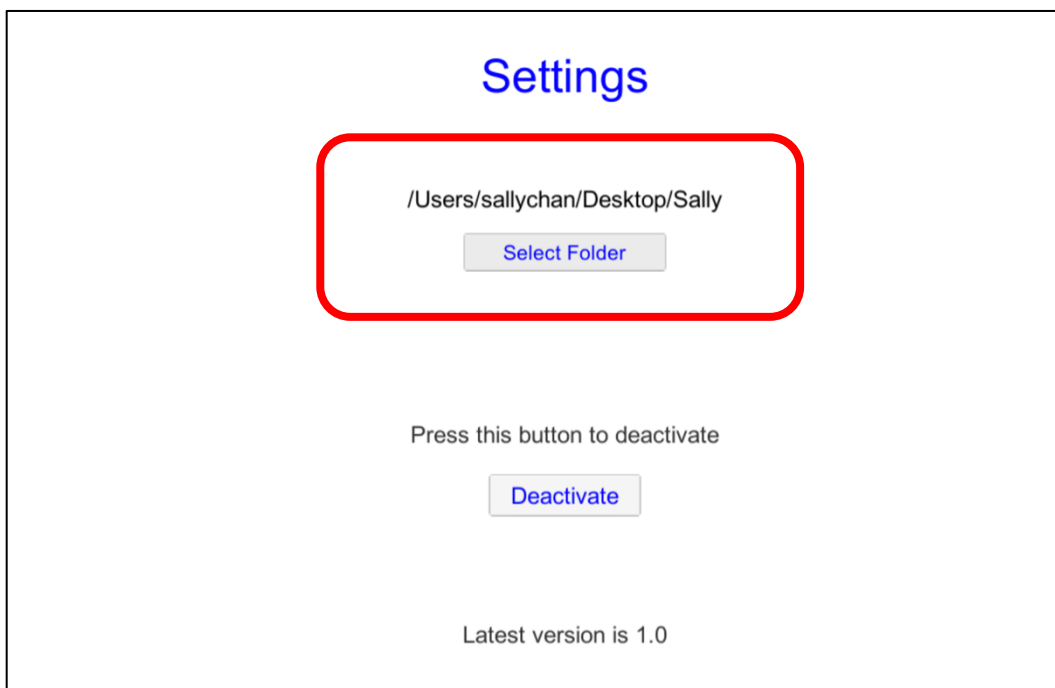
Click  to set the folder location for storing the assessment results.



Choose your desired folder for storing the assessment results.



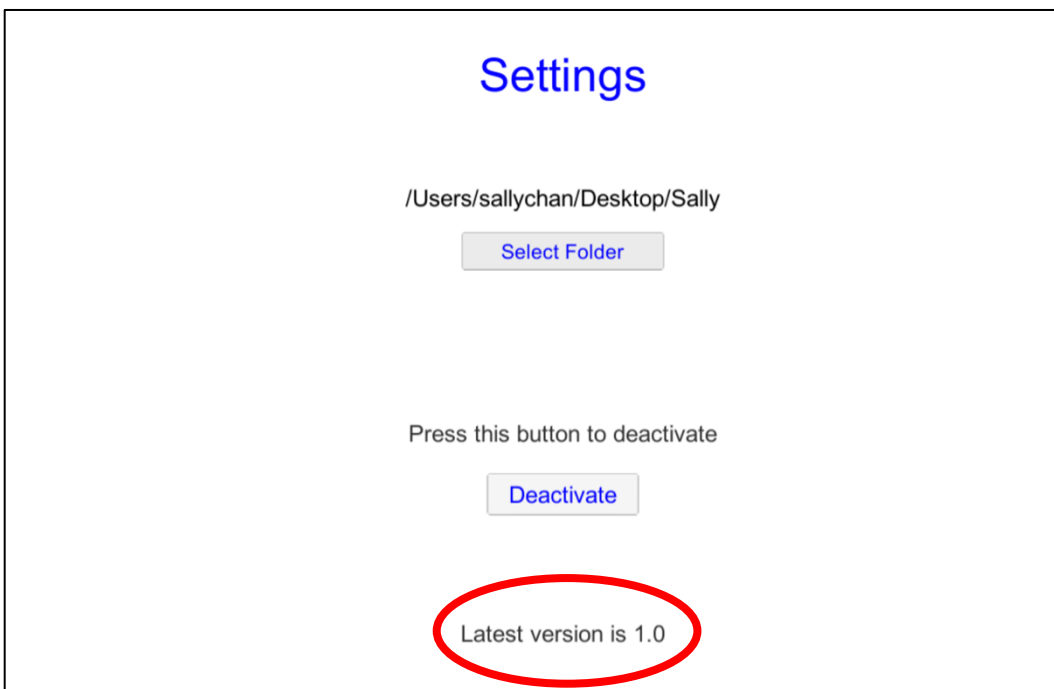
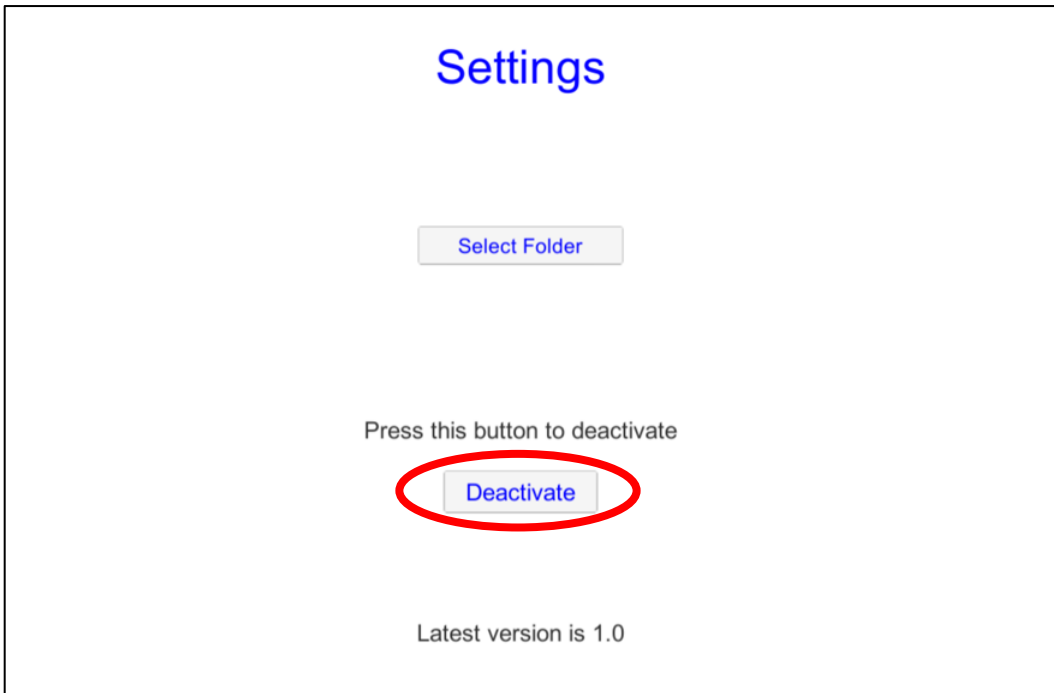
The selected folder location will be shown.



At this point, a new folder called “Eye Cue Users” would have been created in the folder that you have selected.

You must select a folder before you can enter the Results page.

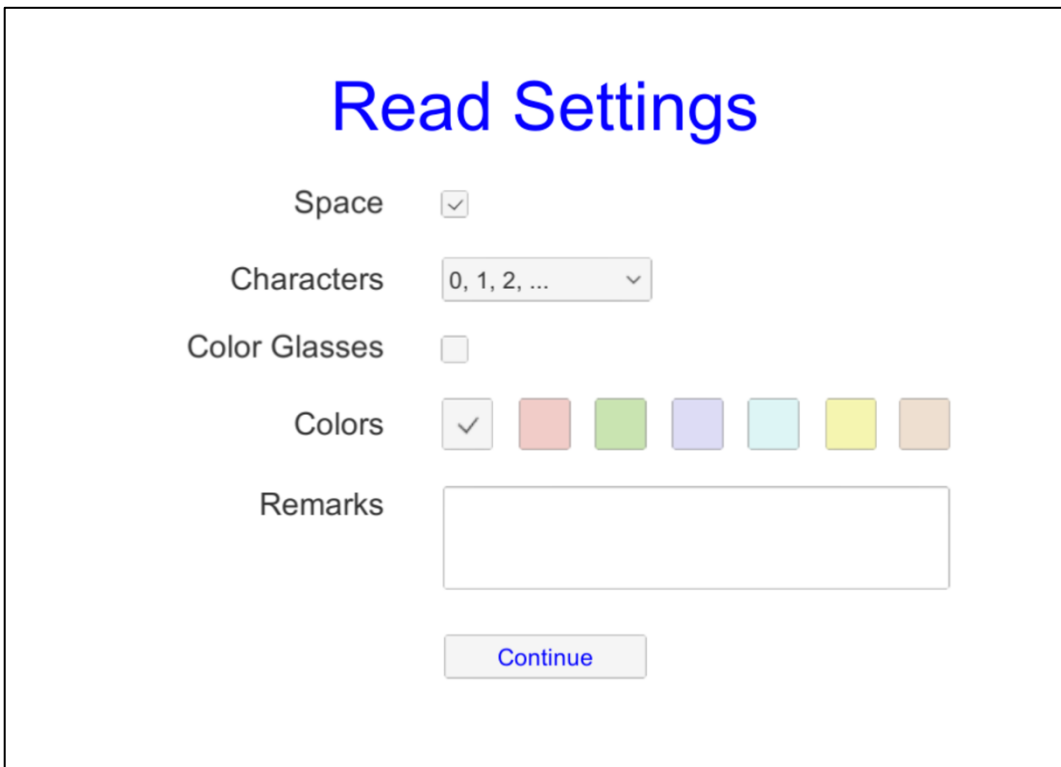
Click  if you want to deactivate the software from your computer.



The latest version available for download, and this information will only be updated when the computer is connected to the Internet.

Read

Read Settings



The screenshot shows a dialog box titled "Read Settings" in blue text. It contains the following settings:

- Space:** A checked checkbox.
- Characters:** A dropdown menu showing "0, 1, 2, ...".
- Color Glasses:** An unchecked checkbox.
- Colors:** A checked checkbox followed by seven color swatches: red, green, purple, cyan, yellow, and brown.
- Remarks:** A large empty text input field.
- Continue:** A button with the text "Continue" in blue.

Before starting the Read assessment, make sure a working microphone is connected to the computer. Use other recording software to make sure that the microphone can indeed record sound.

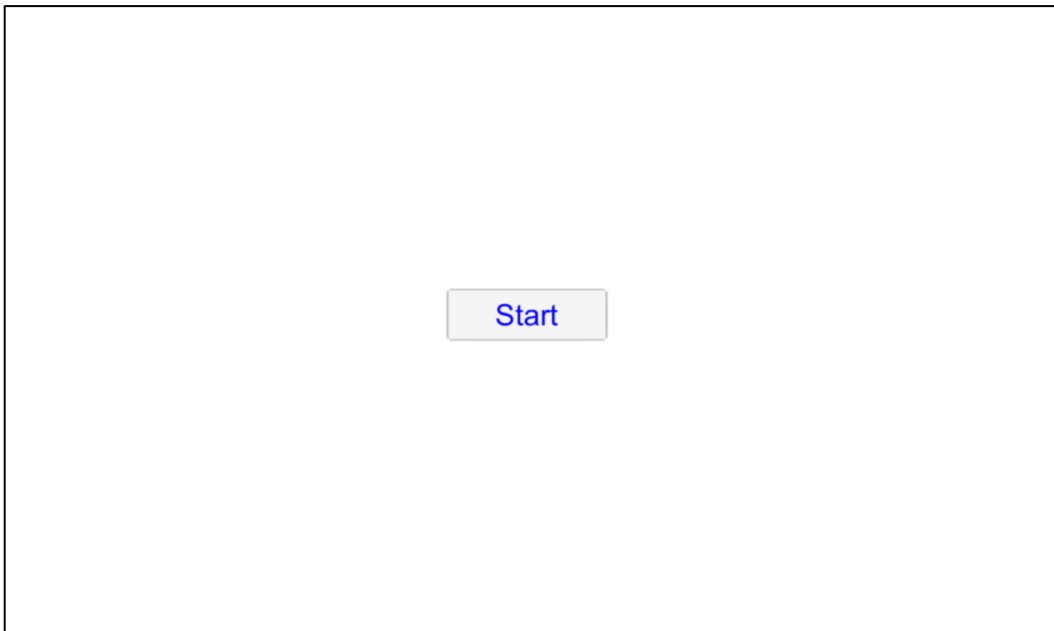
After setting the parameters, click  to start the assessment.

Setting Parameters

<p>Has Space</p> <p>Choose whether the passage should have space or not</p>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p style="text-align: center;">with space</p> <pre style="font-family: monospace; font-size: 0.8em;"> 6 3 7 9 7 6 0 3 5 0 0 2 3 5 6 5 6 6 6 3 5 9 6 3 4 6 9 3 5 0 6 4 8 4 4 5 6 4 5 4 7 3 4 8 5 9 8 5 5 8 6 8 0 5 5 7 8 6 7 0 </pre> <p style="text-align: right; font-size: 0.7em;">Done</p> </div> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p style="text-align: center;">without space</p> <pre style="font-family: monospace; font-size: 0.8em;"> 5 8 3 5 7 4 6 9 3 5 7 0 6 3 6 9 6 7 1 6 8 2 8 6 8 9 6 0 8 4 3 0 5 9 4 5 4 8 2 5 4 9 0 7 7 5 6 8 7 1 3 5 8 7 5 2 3 6 0 3 1 6 1 7 0 2 1 9 3 8 9 4 2 4 2 1 9 9 5 1 2 3 4 2 4 6 9 6 3 2 7 0 7 0 2 1 2 9 4 3 1 9 0 3 0 6 7 3 9 2 </pre> <p style="text-align: right; font-size: 0.7em;">Done</p> </div> </div>
<p>Characters</p> <p>Choose which character set to use</p>	<p>Numbers numerals from 0-9</p> <p>Alphabets – a-z, A-Z lowercase alphabets from a-z uppercase alphabets from A-Z</p> <p>Chinese characters (same for traditional and simplified) 人日上下木天文口月九不白中了土田心也心力水本平自己</p>
<p>Color glasses</p>	<p>Click the box next to the color glasses if child wears color glasses when he is conducting assessment</p> <div style="border: 1px solid gray; padding: 5px; display: flex; align-items: center;"> Color Glasses <input type="checkbox"/> </div>
<p>Colors</p> <p>Choose the background color</p>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 10px; background-color: #f8d7da;"> <pre style="font-family: monospace; font-size: 0.8em;"> 6 7 9 0 8 2 3 4 2 2 5 6 0 8 4 6 9 7 5 3 4 5 9 2 2 2 1 7 0 0 7 2 5 0 6 3 7 8 5 2 3 6 2 3 6 4 3 7 1 5 9 0 4 1 1 1 7 0 6 0 </pre> <p style="text-align: right; font-size: 0.7em;">Done</p> </div>
<p>Remarks</p>	<p>Remarks to be stored in the assessment record</p>

Read Assessment

Click to start the assessment and the sound recording.




Ask the child to read out what's on the screen **row by row** as accurately and as fast as he/she can. Click when finished reading


Sample (Without color glasses)	Sample (With color glasses)
<p>5 8 3 5 7 4 6 9 3 5 7 0 6 3 6 9 6 7 1 6 8 2 8 6 8 9 6 0 8 4 3 0 5 9 4 5 4 8 2 5 4 9 0 7 7 5 6 8 7 1 3 5 8 7 5 2 3 6 0 3 1 6 1 7 0 2 1 9 3 8 9 4 2 4 2 1 9 9 5 1 2 3 4 2 4 6 9 6 3 2 7 0 7 0 2 1 2 9 4 3 1 9 0 3 0 6 7 3 9 2</p> <p style="text-align: right;"><input type="button" value="Done"/></p>	<p>2 0 9 7 5 8 5 8 9 4 7 2 5 9 3 2 4 2 1 6 1 6 6 1 1 4 0 5 7 4 1 5 5 2 7 2 8 1 6 5 1 7 5 4 5 9 0 9 3 9 8 5 2 5 6 5 8 6 1 6</p> <p style="text-align: right;"><input type="button" value="Done"/></p> <p>Child is asked to close an eye to read the words on screen row by row.</p>

When the assessment is done, the recorded sound will be saved to the computer. Note that if the child takes a long time to finish the reading, the resulting sound file will be very big and will take a long time to save.

The result screen showing the completion time.



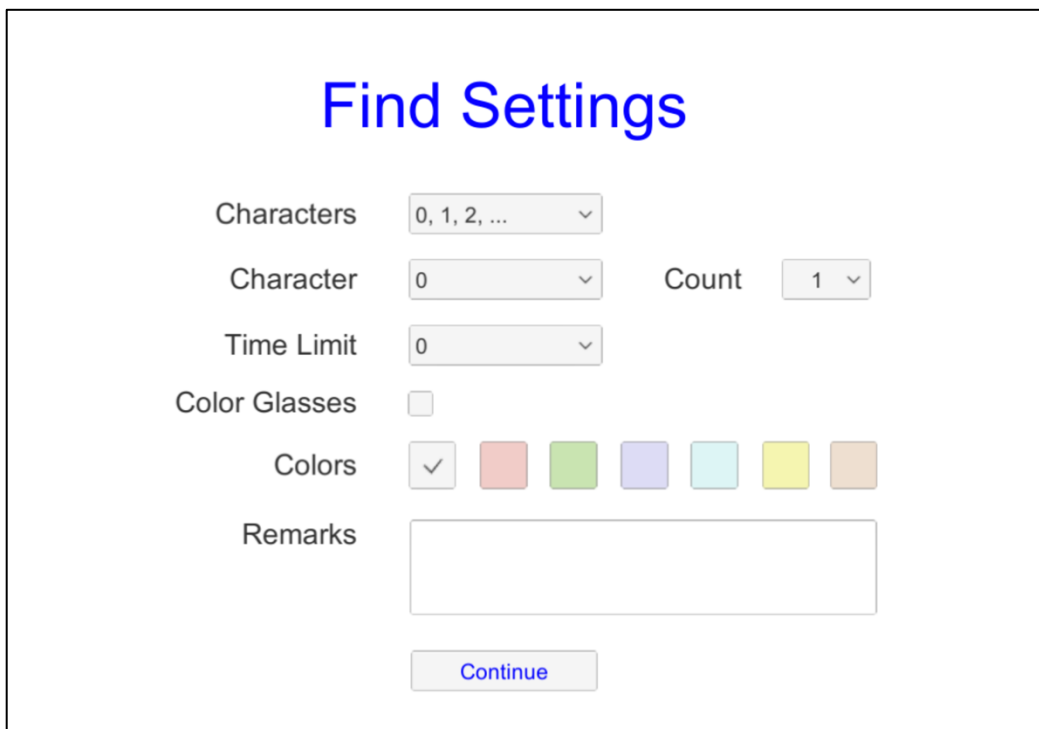
Choose  if you do not want to save the assessment result.

Choose  if you want to save the assessment result. You will not see this button if no child has been selected in the Main Menu.

Go to the Results section to see an explanation of the assessment result.

Find

Find Settings


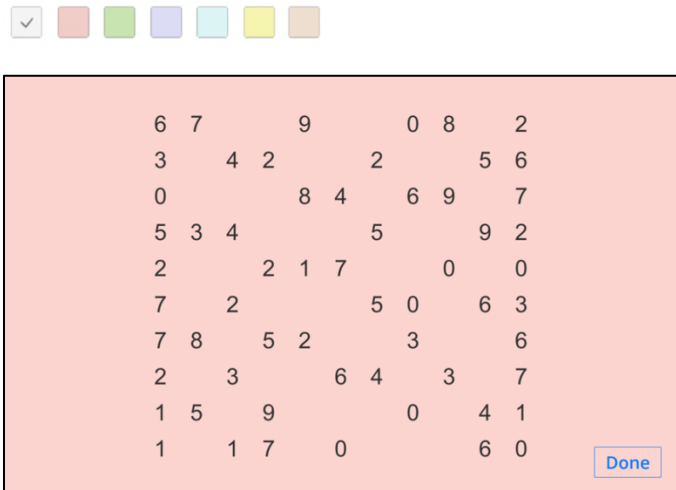


The screenshot shows a 'Find Settings' window with the following elements:

- Characters:** A dropdown menu with the text '0, 1, 2, ...' and a downward arrow.
- Character:** A dropdown menu with the value '0' and a downward arrow.
- Count:** A dropdown menu with the value '1' and a downward arrow.
- Time Limit:** A dropdown menu with the value '0' and a downward arrow.
- Color Glasses:** An unchecked checkbox.
- Colors:** A dropdown menu with a checkmark, followed by six colored squares: red, green, purple, cyan, yellow, and brown.
- Remarks:** A large empty text input field.
- Continue:** A button with the text 'Continue' in blue.

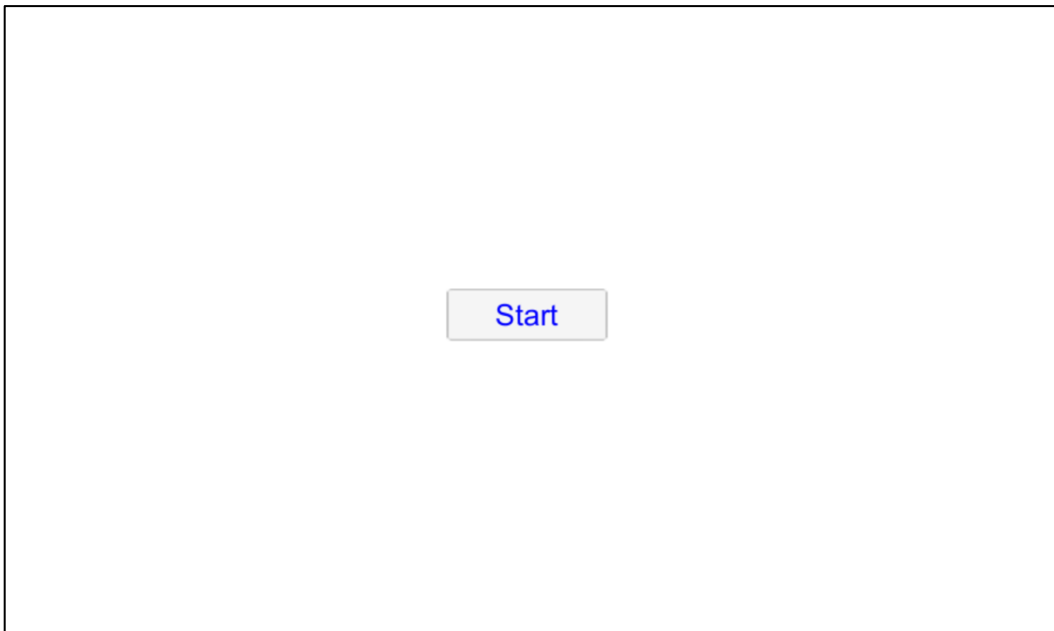
After setting the parameters, click  to start the assessment.

Setting Parameters

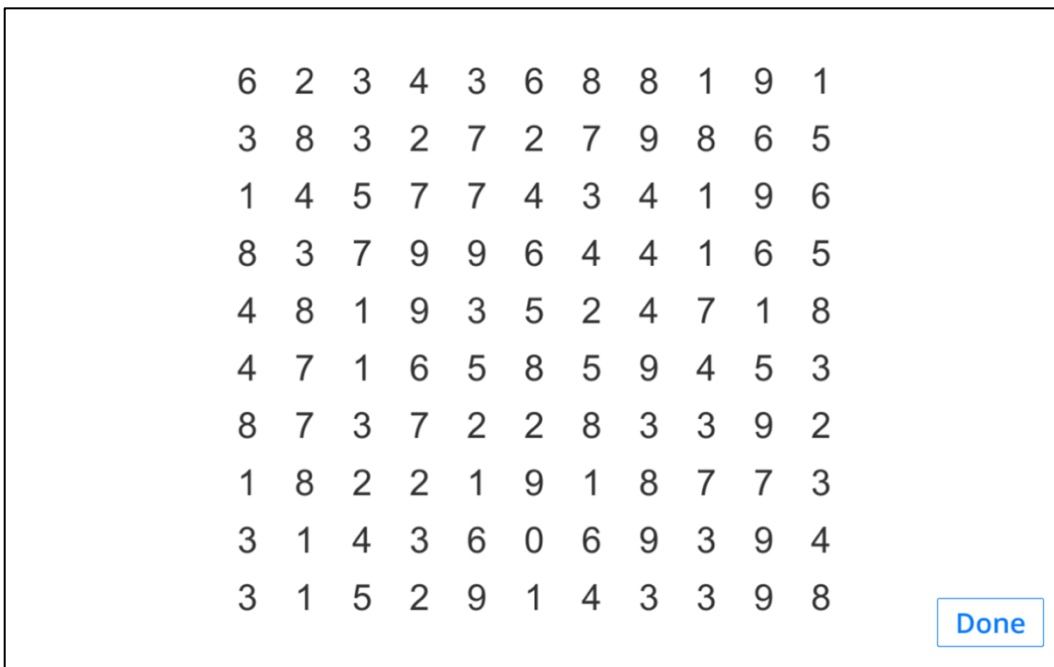
<p>Characters Choose which character set to use</p>	
<p>Character Choose which specific target to use from the chosen character set This is the target you want the child to look for</p>	<p>Numbers numerals from 0-9</p> <p>Alphabets – a-z, A-Z lowercase alphabets from a-z uppercase alphabets from A-Z</p> <p>Chinese characters (same for traditional and simplified) 人 日 上 下 木 天 文 口 月 九 不 白 中 了 土 田 心 也 心 力 水 本 平 自 己</p>
<p>Count How many times the target will appear</p>	<p>Possible values 1-10</p>
<p>Time Limit Whether there is a time limit for the assessment</p>	<p>Possible values 0 – no time limit 10/20/30/40/50/60 – time in seconds</p>
<p>Color glasses</p>	<p>Click the box next to the color glasses if child wears color glasses when he is conducting assessment</p> <p>Color Glasses <input type="checkbox"/></p>
<p>Colors Choose the background color</p>	
<p>Remarks</p>	<p>Remarks to be stored in the assessment record</p>

Find Assessment

Click to start the assessment.




Ask the child to find and click on the target as fast as possible. When the target is clicked, it will disappear. Click when finished.




If Time Limit is set to non-zero (i.e. with time limit), the program will stop automatically when the time is up. But of course the child can also click when he/she thinks he/she has found all the target.

The result screen showing the completion time.



Choose  if you do not want to save the assessment result.

Choose  if you want to save the assessment result. You will not see this button if no child has been selected in the Main Menu.

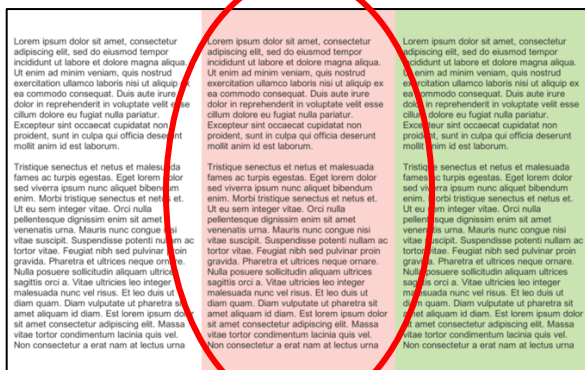
Go to the Results section to see an explanation of the assessment result.

Color

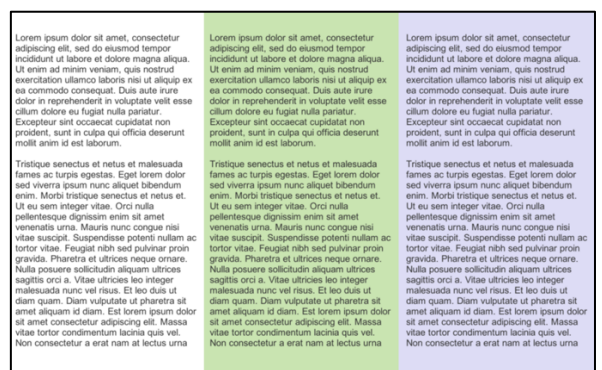
This is to help the child select the background color that he/she prefers the most for reading. The program will start with 3 colors. Ask the child to pick the color that he/she **DISLIKES** the most. That color will be replaced with another color in the color set. Repeat this process until only one color is left. This is the color that the child preferred **THE MOST**.



Click the most disliked color



It will be replaced by a new color



At the end, there will only be one color left, child most preferred color.

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Tristique senectus et netus et malesuada fames ac turpis egestas. Eget lorem dolor sed viverra ipsum nunc aliquet bibendum enim. Morbi tristique senectus et netus et. Ut eu sem integer vitae. Orci nulla pellentesque dignissim enim sit amet venenatis urna. Mauris nunc congue nisi vitae suscipit. Suspendisse potenti nullam ac tortor vitae. Feugiat nibh sed pulvinar proin gravida. Pharetra et ultrices neque ornare. Nulla posuere sollicitudin aliquam ultrices sagittis orci a. Vitae ultricies leo integer malesuada nunc vel risus. Et leo duis ut diam quam. Diam vulputate ut pharetra sit amet aliquam id diam. Est lorem ipsum dolor sit amet consectetur adipiscing elit. Massa vitae tortor condimentum lacinia quis vel. Non consectetur a erat nam at lectus urna duis convallis. Vel fringilla est ullamcorper eget nulla facilisi etiam. Massa tempor nec feugiat nisl. Posuere sollicitudin aliquam ultrices s

Integer quis auctor elit sed vulputate mi. Turpis massa sed elementum tempus egestas sed. Mauris sit amet massa vitae tortor condimentum lacinia quis. In nulla posuere sollicitudin aliquam ultrices sagittis orci a scelerisque. Arcu vitae elementum curabitur vitae nunc sed. Commodo elit at imperdiet dui accumsan sit amet. Eu volutpat odio facilisis mauris sit amet massa vitae tortor. Eu volutpat odio facilisis mauris. Id nibh tortor id aliquet. Purus in massa tempor nec feugiat nisl pretium fusce. Laoreet non curabitur gravida arcu ac tortor dignissim convallis. Dolor sit amet consectetur adipiscing elit ut. Integer vitae justo eget magna fermentum iaculis eu non. Enim tortor at auctor urna nunc id. Faucibus in ornare quam viverra.

At imperdiet dui accumsan sit. Urna neque viverra justo nec ultrices dui sapien eget mi. Urna nunc id cursus metus aliquam eleifend mi in nulla. Nullam vehicula ipsum a arcu cursus vitae. In fermentum posuere urna nec tincidunt praesent. Et netus et malesuada fames ac turpis egestas maecenas pharetra. Imperdiet sed euismod nisi porta lorem mollis. Phasellus faucibus scelerisque eleifend donec pretium. Commodo sed egestas egestas fringilla phasellus faucibus scelerisque eleifend. Fusce ut placerat orci nulla pellentesque dignissim. Aliquam sem fringilla ut morbi tincidunt augue. Fermentum posuere urna nec tincidunt praesent. Imperdiet massa tincidunt nunc pulvinar sapien et ligula ullamcorper.

Egestas dui id ornare arcu odio. Volutpat lacus laoreet non curabitur gravida arcu. Urna nec tincidunt praesent semper. Nisl tincidunt eget nullam non nisi est sit amet facilisis. Phasellus faucibus scelerisque eleifend donec pretium. Cursus metus aliquam eleifend mi. Mauris sit amet massa vitae tortor condimentum lacinia quis. Condimentum lacinia quis vel eros donec ac odio. Congue nisi vitae suscipit tellus mauris

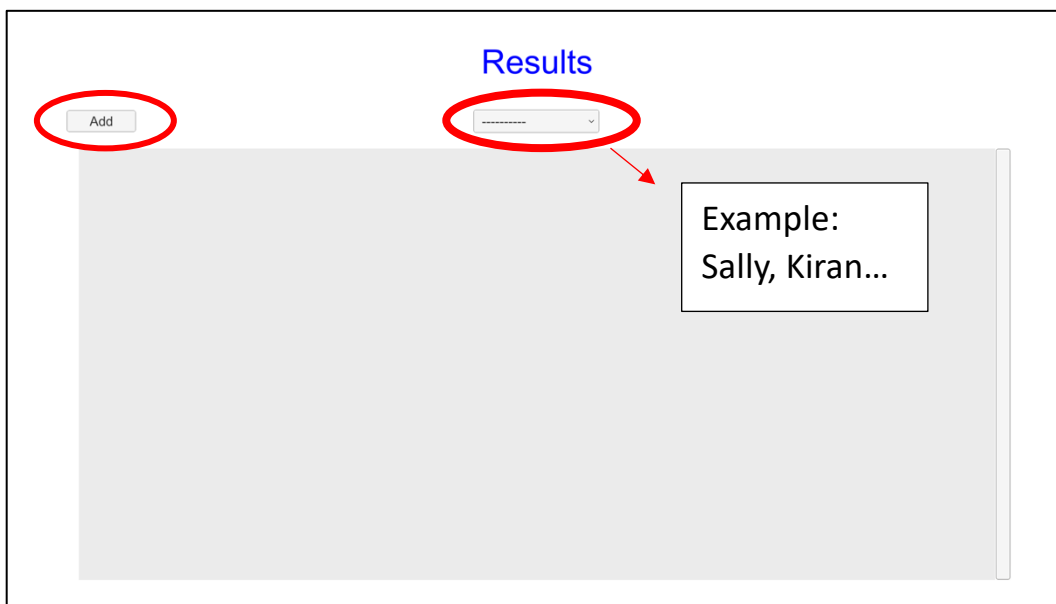
Run the Read and Find assessments again with the chosen background color and see if there is any difference in results.

Some children are very sensitive to particular color(s). So picking the “right” color could dramatically impact his/her reading comfort and accuracy.

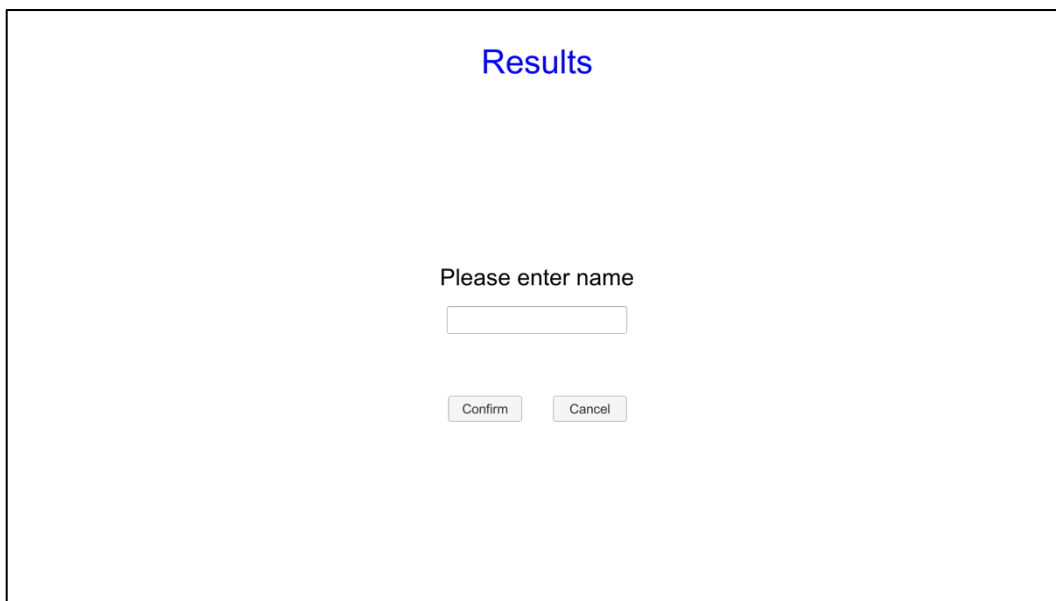
Results

Child Management

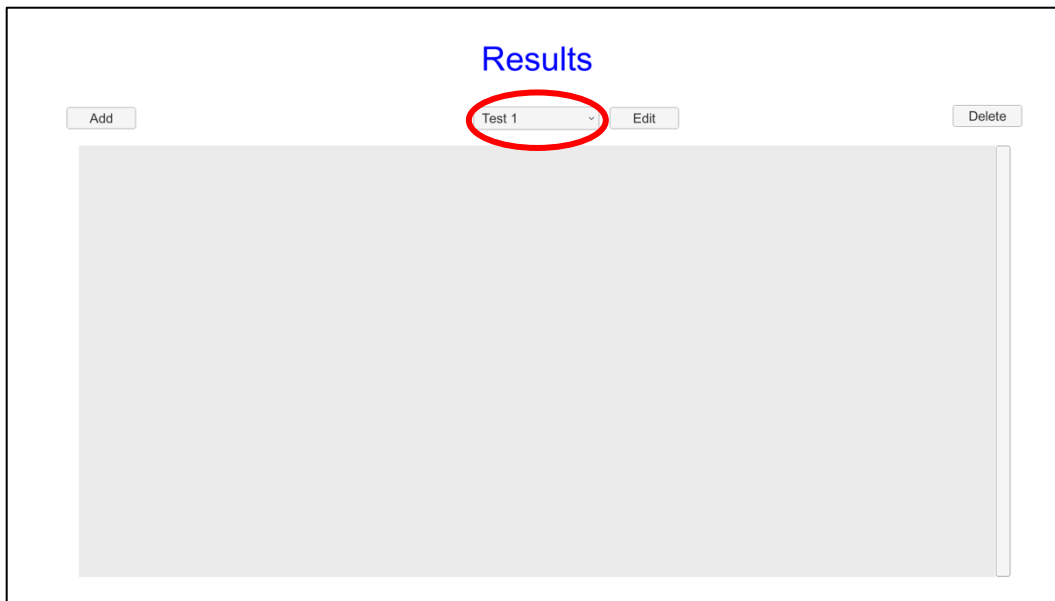
Click to add a new child.



Enter the name of the child. The name must not be used before.



After creating the new record, the child's name will appear in the dropdown list.

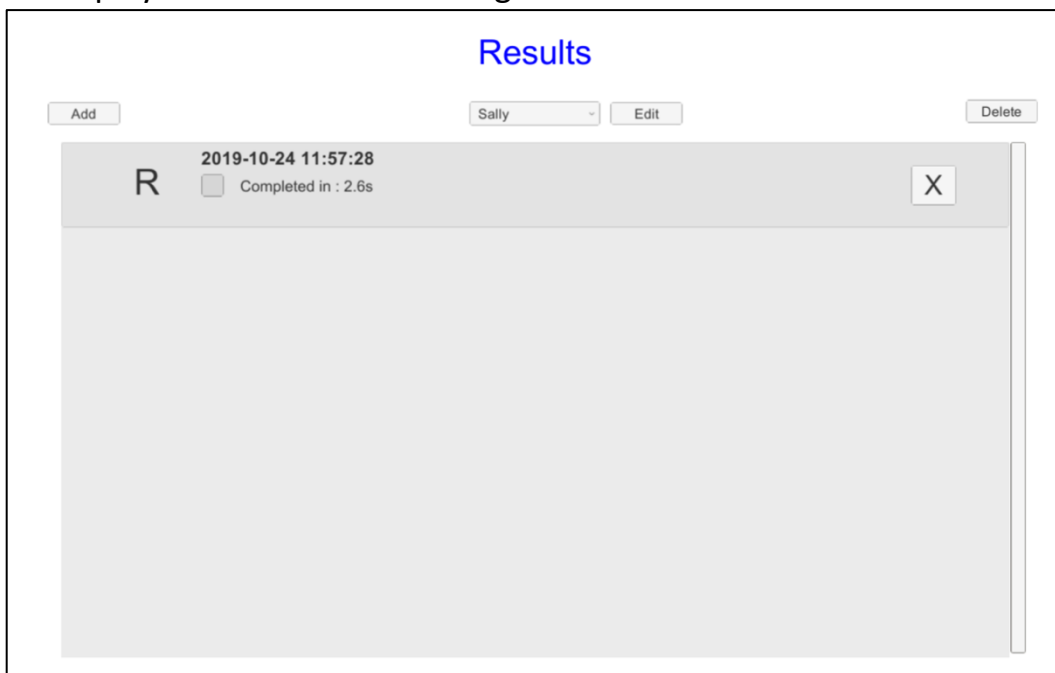


Click to edit the child's name.

Click to delete the child's record. Note that when the child's record is deleted from the system, it will be gone forever and cannot be recovered.

Assessment Result

Once a child has been selected from the dropdown list, all his/her assessment records will be displayed in reverse chronological order.



The assessment record contains the following information

- "R"/"F" denotes whether this is a Read Assessment or a Find Assessment
- Date/time of the assessment
- Background color
- Summary of assessment result
- Remarks

Click to delete the record.

Read Assessment

The screenshot shows a 'Read' assessment interface. On the left, a 10x10 grid of numbers and dashes is displayed. The grid is as follows:

4	2	-	-	8	-	-	0	1	-	4
7	-	5	6	-	-	1	-	-	8	3
6	-	-	-	7	8	-	7	2	-	6
2	7	1	-	-	-	6	-	-	0	2
6	-	-	1	6	0	-	-	0	-	3
8	-	7	-	-	-	2	1	-	3	4
8	1	-	5	9	-	-	1	-	-	0
1	-	3	-	-	1	6	-	3	-	4
1	9	-	4	-	-	-	2	-	1	8
8	-	1	9	-	7	-	-	-	1	3

On the right side of the interface, there is a 'Remarks' text area, a play button with a progress bar (0.0), and two buttons labeled 'Save' and 'Report'. The interface also displays the title 'Read', the date and time '2019-10-24 11:57:28', and the text 'Have space 0123456789 Completed in : 2.6s'.

Callouts provide the following information:

- 'The setting parameters and the assessment result' points to the top right area.
- 'The remarks can be edited' points to the Remarks text area.
- 'Click to hear the recording' points to the play button.
- 'The original pattern with the chosen background color' points to the grid.
- 'If the Remarks field has been edited, remember to Save' points to the Save button.
- 'Click to generate a report' points to the Report button.

Listen to the recording and find out what kind of mistakes the child has made – skipping characters, repeating characters, jumping line, etc., and note them down in the Remarks field for later reference.

Find Assessment

Find

2019-10-25 13:36:30

m	v	z	k	p	v	z	n	n	s	t
l	r	y	j	n	v	z	l	m	s	y
p	v	k	z	t	m	x	c	z	2	b
u	n	j	v	n	*	r	l	d	j	c
l	c	r	l	*	l	u	p	d	i	w
j	e	p	1	c	d	j	m	k	j	s
m	s	d	e	n	q	o	r	z	d	b
f	e	v	e	q	u	3	s	q	d	g
d	m	t	d	c	y	e	i	v	u	e
k	r	l	c	x	t	n	k	z	z	t

Time Limit : 0s
Total : 5 'a', Found : 3
Completed in : 12.0s

Remarks

In this example, there are 5 'a's on the screen and the child can only find 3. There is no time limit and the child finishes in 12 seconds.

The **1** numbers indicate the sequence with which the target characters are identified

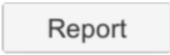
The ***** are the target characters missed


By observing the sequence, we can deduce if the child has employed any strategies in locating the target characters – row-by-row, corner-by-corner, etc., or no strategies at all.

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Reports

Click  to generate a report.



Read
2019-10-24 11:57:28

4	2	-	-	8	-	-	0	1	-	4
7	-	5	6	-	-	1	-	-	8	3
6	-	-	-	7	8	-	7	2	-	6
2	7	1	-	-	-	6	-	-	0	2
6	-	-	1	6	0	-	-	0	-	3
8	-	7	-	-	-	2	1	-	3	4
8	1	-	5	9	-	-	1	-	-	0
1	-	3	-	-	1	6	-	3	-	4
1	9	-	4	-	-	-	2	-	1	8
8	-	1	9	-	7	-	-	-	1	3

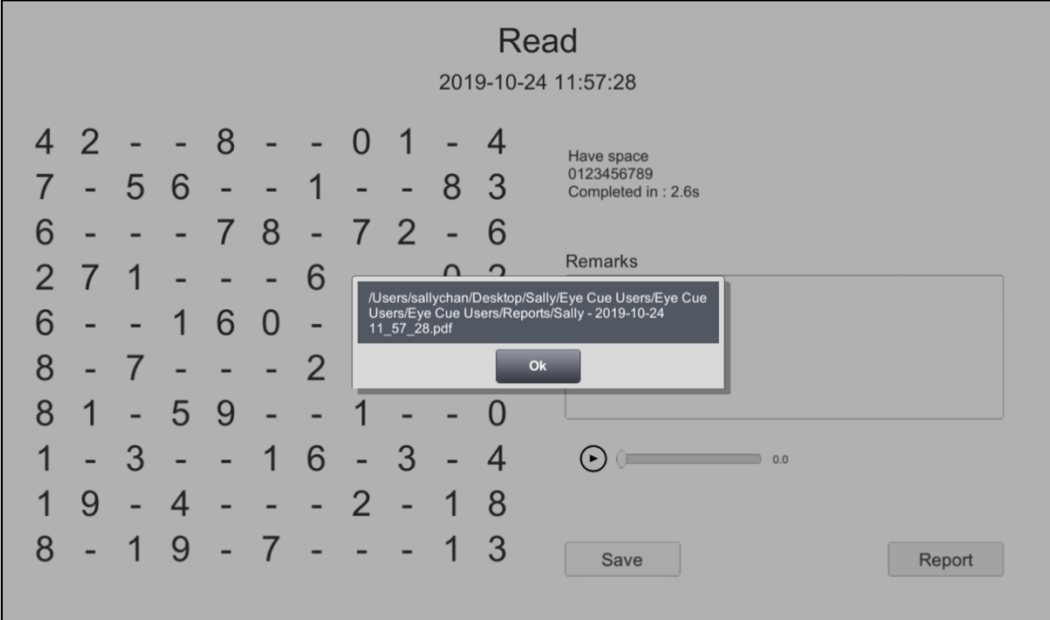
Have space
0123456789
Completed in : 2.6s

Remarks

0.0

Save Report

A message about the location of saved report would be shown.



Read
2019-10-24 11:57:28

4	2	-	-	8	-	-	0	1	-	4
7	-	5	6	-	-	1	-	-	8	3
6	-	-	-	7	8	-	7	2	-	6
2	7	1	-	-	-	6	-	-	0	2
6	-	-	1	6	0	-	-	-	-	3
8	-	7	-	-	-	2	1	-	3	4
8	1	-	5	9	-	-	1	-	-	0
1	-	3	-	-	1	6	-	3	-	4
1	9	-	4	-	-	-	2	-	1	8
8	-	1	9	-	7	-	-	-	1	3

Have space
0123456789
Completed in : 2.6s

Remarks

Ok

0.0

Save Report

The report folder is inside the “Eye Cue Users” folder you set in the Settings screen.

Report Sample

