User Guide: Getting Started

(1)

Welcome to DREX

Tap to get started ....

(2)

Sign in

Username

Password

Sign in

Don't have an account with us yet? Sign up now
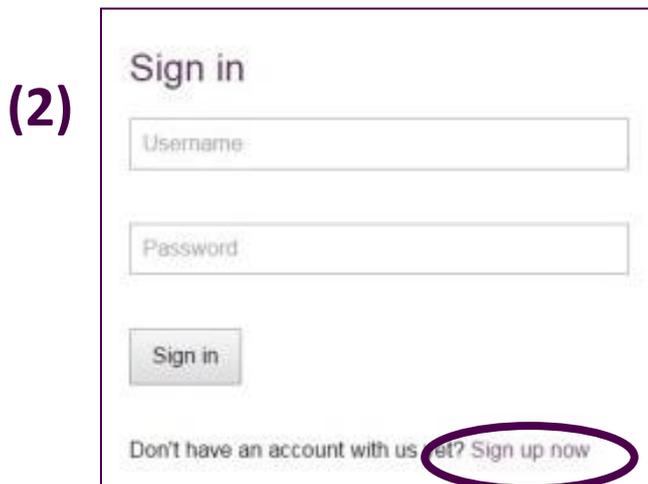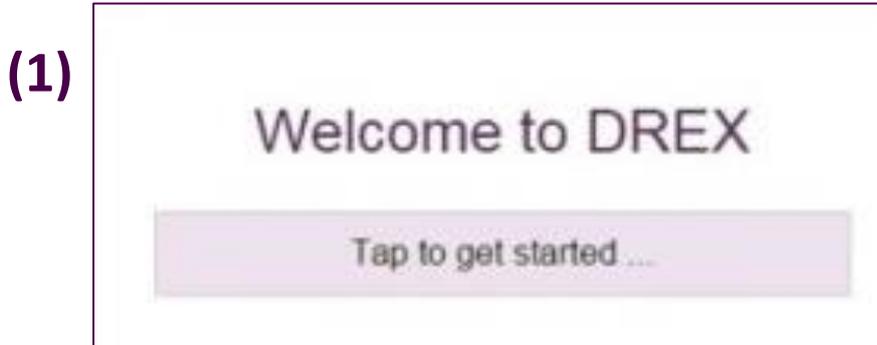
Please select "**Sign up now**" to create a DREX account

(3)

Register to get started

Your full name

e.g. Joe Anthony Bloggs

Choose your own username

Choose a memorable username that is very different to your real name

It is important to choose a username that is unrelated to yourself, for anonymity purposes

Your age (in years)

Your email address   optional

An email address is required to retrieve login details if you forget them

Enter your details.
Submit by clicking "**Register**"

Choose a password

Register   Cancel

(4)

Terms of Use

THIS AGREEMENT IS MADE BETWEEN THE END USER OF THIS SOFTWARE AND THE UNIVERSITY OF DURHAM, WHOSE REGISTERED ADDRESS IS THE PALATINE CENTRE, STOCKTON ROAD, DURHAM, DH1 3LE.

WHEREAS:

A. Durham Reading and Exploration training (DREX) is self-adjusting software designed by researchers at the University of Durham (hereinafter "the University") with the aim of attempting to assist in the rehabilitation of individuals who suffer from homonymous visual field

Your name is used for registration purposes only. All personal data and performance data will be stored anonymously / not identifiable. You may optionally choose to share your personal and performance data with a doctor of your choice, and revoke such access at any time.

Accept   Decline

For assistance the text may be read aloud by clicking the speaker icon

Read and agree to terms and conditions of use

(5)

Details of your condition

Please provide some details of your condition.

Which side of your visual field is affected?

○ Left
● Right
○ Both

This field is required, to enable DREX to benefit your rehabilitation

Your gender   optional

○ Male
○ Female

Other details are optional; you do not need to provide further information to use DREX

Describe the cause behind your current optional
condition

User Guide: Initial Assessment
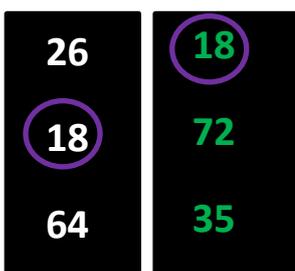
1a) Visual Search Tasks
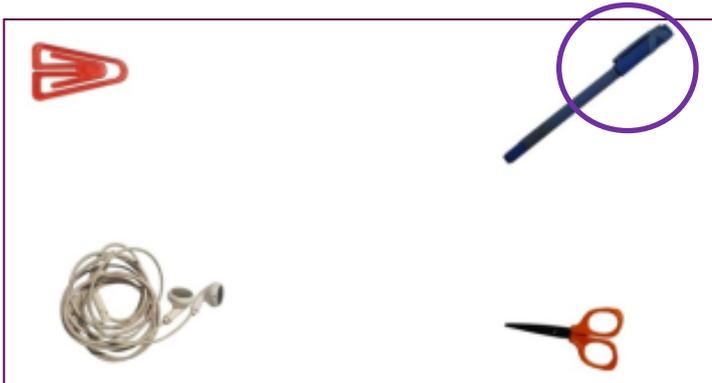
Identify and click on the pen in a scene of every day items

1b) Visual Search Tasks

Identify and click the numbers 1-20 in sequence

12 18 7 4
10 6 2 20
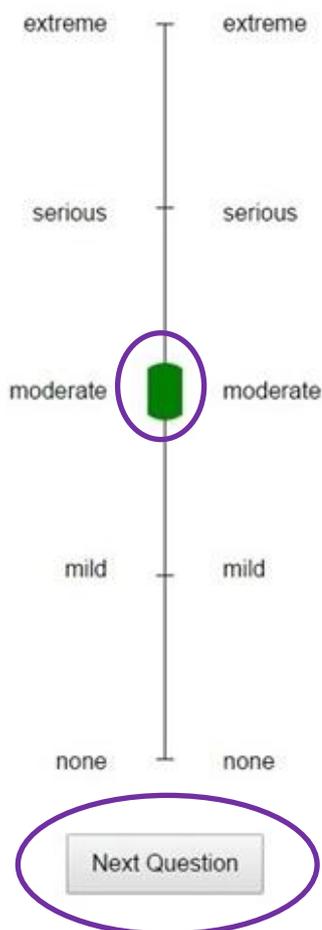17 3 19 5
8 1 13 15
14 9 11 16

2) Short Term Memory Task

You will presented with a set of numbers for 10 seconds.

Then a second set of numbers. Click the number that appeared in the first set.

3) Quality of Life Task

extreme   extreme

serious   serious

moderate   moderate

mild   mild

none   none

Next Question

You will be asked to rate how difficult you find specific tasks. **Slide the green bar to respond**

When satisfied with response click "**Next Question**"

You will be asked to confirm your response is correct. Click "**Yes**" if you are happy to proceed.

4) Reading Task

The man stood looking on for a while. He began to be tired, and hungry too, for he had given away his last penny in his joy at getting the cow. At last he could go no further, for the stone tired him sadly: and he dragged himself to the side of a river, so he could take a drink of water and rest a while. So he laid the stone carefully by his side on the bank: but, as he stooped down to drink, he forgot it, pushed it a little, and down it rolled, plump into the stream.

Read the passage presented. Click the screen to continue.
You will be asked 3 questions about the passage you have just read.
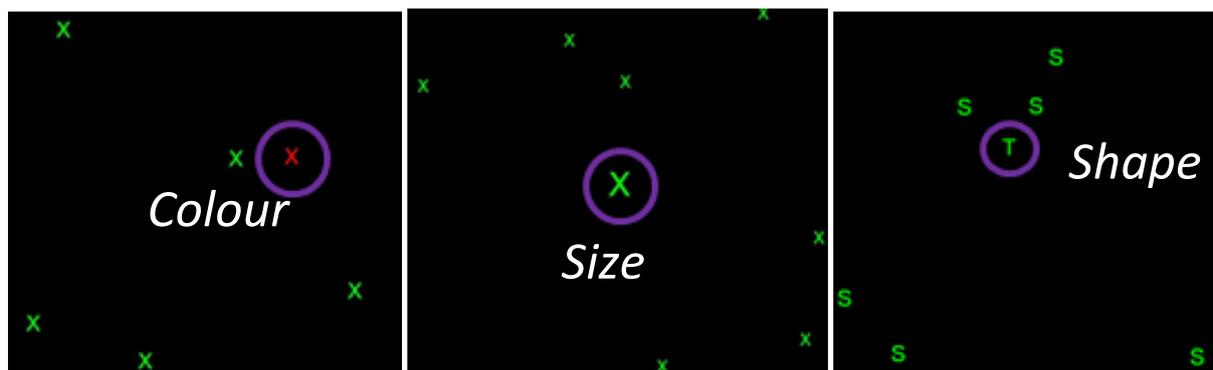
5) Perimetery Task
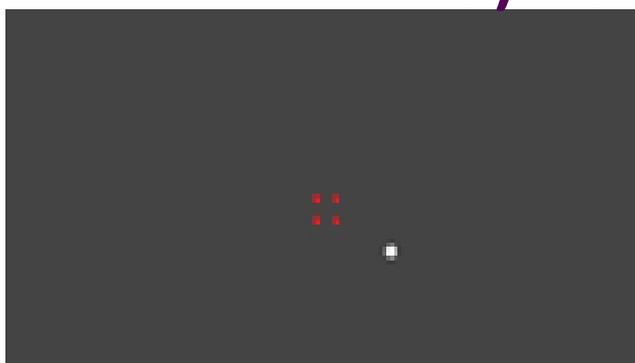
Looking at the red dots in the centre of the screen, click the location where a different colour dot appears. Tap the space bar for the next screen if no dot appears.

User Guide: Training

Exploration

Colour

Size

Shape

These exercises require you to identify the odd one out on the page. There are 3 types of task; to identify and CLICK on the different colour, size or shape.

Reading

coffee

Word
Tap the space

fefcoe

Non-Word
Click the screen

doffee

Non-Word
Click the screen

This exercise requires you to identify if the image shows a word or a non-word. For words tap the SPACE bar, for non-words click the screen.