

Tobii Dynavox Gaze Point – Gaze interaction with the left-mouse clicks.

Introduction:

As the student improves their ability to use their eyes for control, the settings on Gaze Point can be changed to access more challenging tasks. When the student is ready, they can train their gaze on a specific part of the screen and make an action happen. This tutorial shows the configuration of Gaze Point to allow the user to perform left-mouse clicks.

Learning Objective:

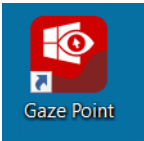
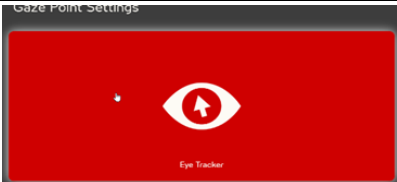
- Calibrate Gaze Point to allow making selections using left-mouse clicks

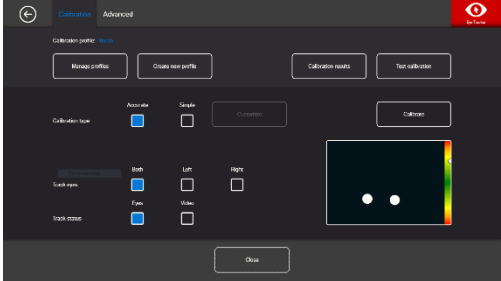
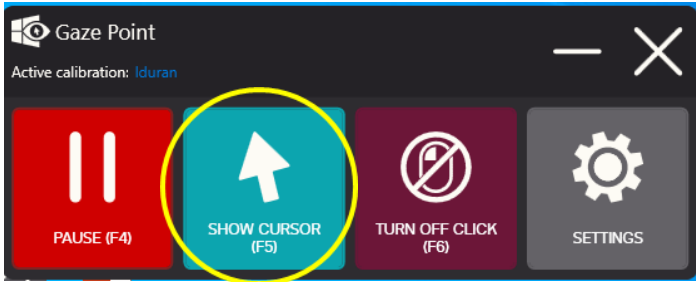

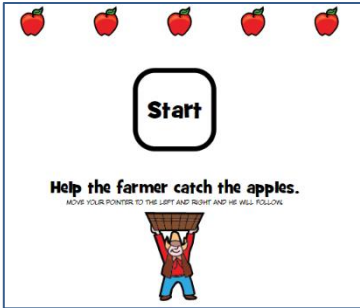
This tutorial assumes:

- You have Gaze Point installed.

Case Study:

A student in Grade 3 is progressing through their eye gaze skills. Since learning eye gaze skills can be done in conjunction with curriculum-based learning, during math class, the student will play Fruitfall, an online counting and graphing game.

Setting up left-mouse clicks in Gaze Point		
1	Launch Gaze Point tracking software.	
2	If you would like to do a re-calibration, choose Settings, then Eye Tracker.	

<p>3</p>	<p>Choose Simple or Accurate calibration.</p> <p>Ensure the white circles (pupils) are centered in the track status box.</p> <p>Select Calibrate.</p>	
<p>4</p>	<p>In this game, we would like the mouse pointer to be invisible. Therefore, the Show Cursor icon should look like this:</p>	
<p>5</p>	<p>To enable left-mouse clicks, the Click icon should look like this.</p>	
<p>6</p>	<p>Launch Fruitfall and select Full Screen.</p> <p>https://toytheater.com/fruitfall/</p> <p>To start the game, dwell your gaze on the Start button. Move the basket along the bottom of the screen using your eyes.</p>	

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The player then counts the number of fruits in the basket. The number is selected by dwelling one's gaze on the appropriate box.

Dwelling your gaze on the box is initiating a left mouse click.

Tip...

Targeting is more successful when the learner has as good a calibration as possible. If the student can manage, choose Accurate calibration in Gaze Point.

← Calibration
Advanced
Eye Tracker

Calibration profile: ibazan

Manage profiles
Create new profile
Calibration results
Test calibration

Calibration type: Accurate Simple

Track eyes: Both Left Right

Track status: Eyes Video

Customize

Calibrate

Close