
CVI Training for Effective Teaching of Students with Visual Impairments

LOOK DETECTION AND EYE TRACKING

SIGN UP FOR OUR NEWSLETTER

Stephanie Steffer

stephanies@cviconnect.co

CViConnect.co

[CViConnect YouTube Channel](#)



WHO IS HERE TODAY?

**TYPE IN THE CHAT TO LET ME KNOW WHAT YOUR
ROLE IS AS A CVI EDUCATOR AND WHERE YOU
ARE FROM**

CHECK OUT OUR YOUTUBE CHANNEL

https://www.youtube.com/channel/UCcviQ158qV_wToFV29AADbg

CVI Training for Effective Teaching of Students with Visual Impairments

LOOK DETECTION AND EYE TRACKING

LOOK DETECTION AND EYE TRACKING?

Look Detection

What?

Who?

Why?

How?

Where?

WHAT IS LOOK DETECTION?

Look Detection

Forward facing iPad camera detects when the individual is looking vs looking away

WHO CAN USE LOOK DETECTION?

Look Detection

All CViConnect Home and Professional Edition Activities

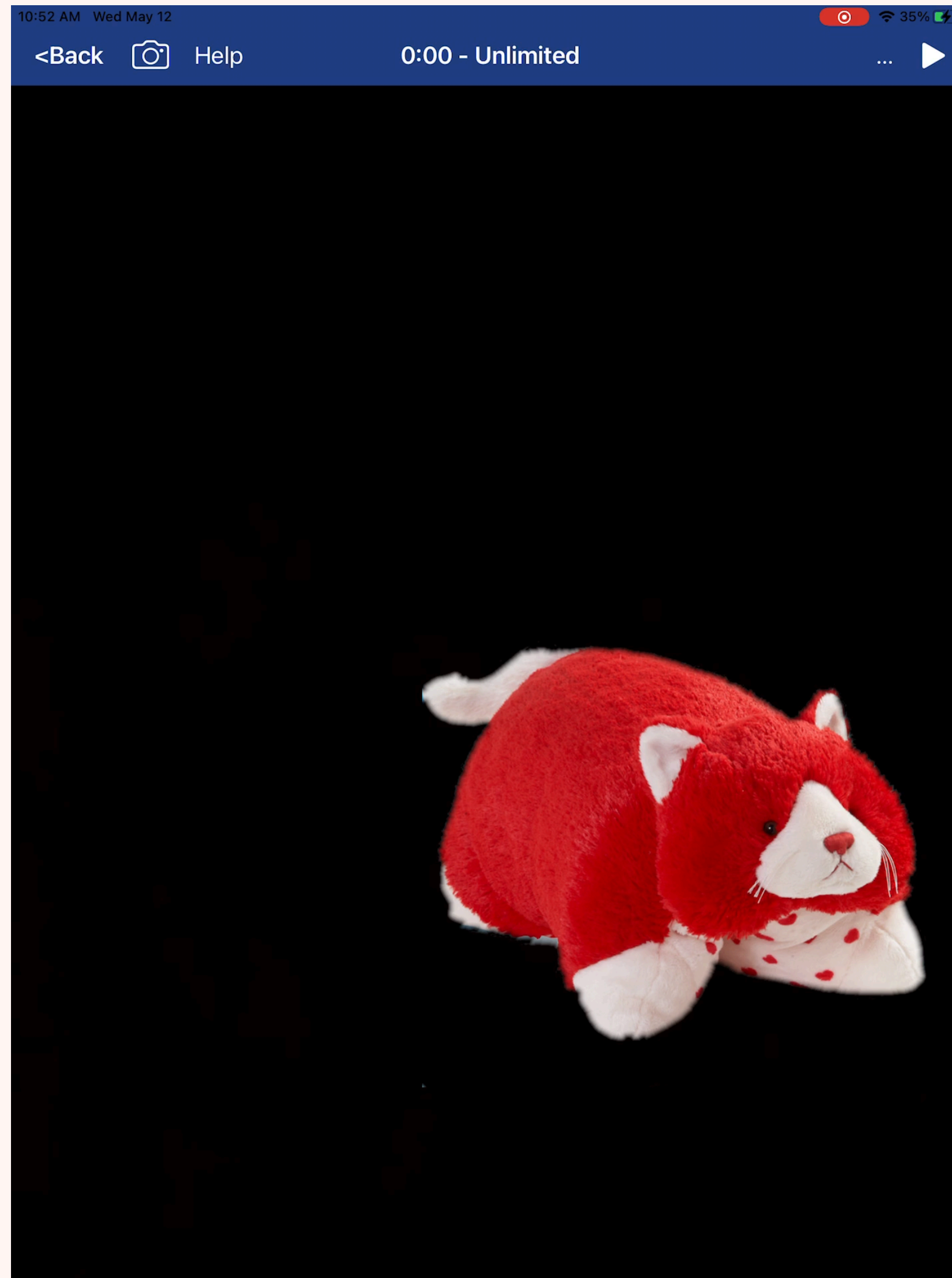
Professional Edition has extensive access to data collection

WHY DO WE NEED LOOK DETECTION?

Look Detection

Phase I (Range 0-3): the goal is to build consistent visual behavior

Phase II (Range 3+-7): the goal is to integrate vision with function



CVI Activity Designer and Look detection from CViConnect PRO

WHY DO WE NEED LOOK DETECTION?

Look Detection

Phase I (Range 0-3): the goal is to build consistent visual behavior

Phase II (Range 3+-7): the goal is to integrate vision with function

Phase III (Range 7+-10): the goal is to facilitate refinement of the characteristics

HOW DO WE USE LOOK DETECTION

Look Detection

Allow Camera in iOS Settings

Align the camera

Begin the Activity

ALLOW CAMERA IN iOS SETTINGS

➤ **No longer have to turn on Look Detection**



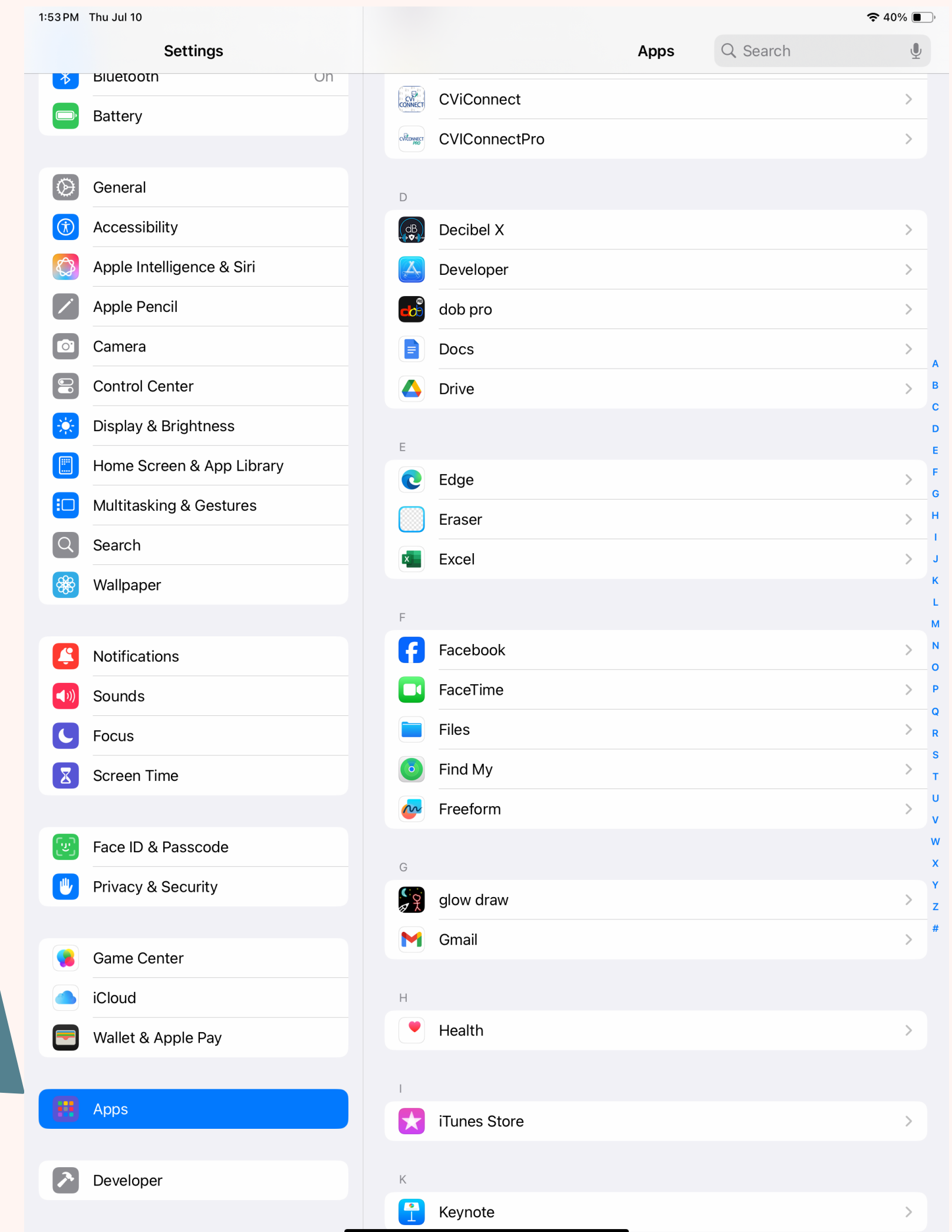
ALLOW CAMERA IN iOS SETTINGS

- **No longer have to turn on Look Detection**
- **Data captured begins automatically**
- **Go to your iOS settings app on your iPad**



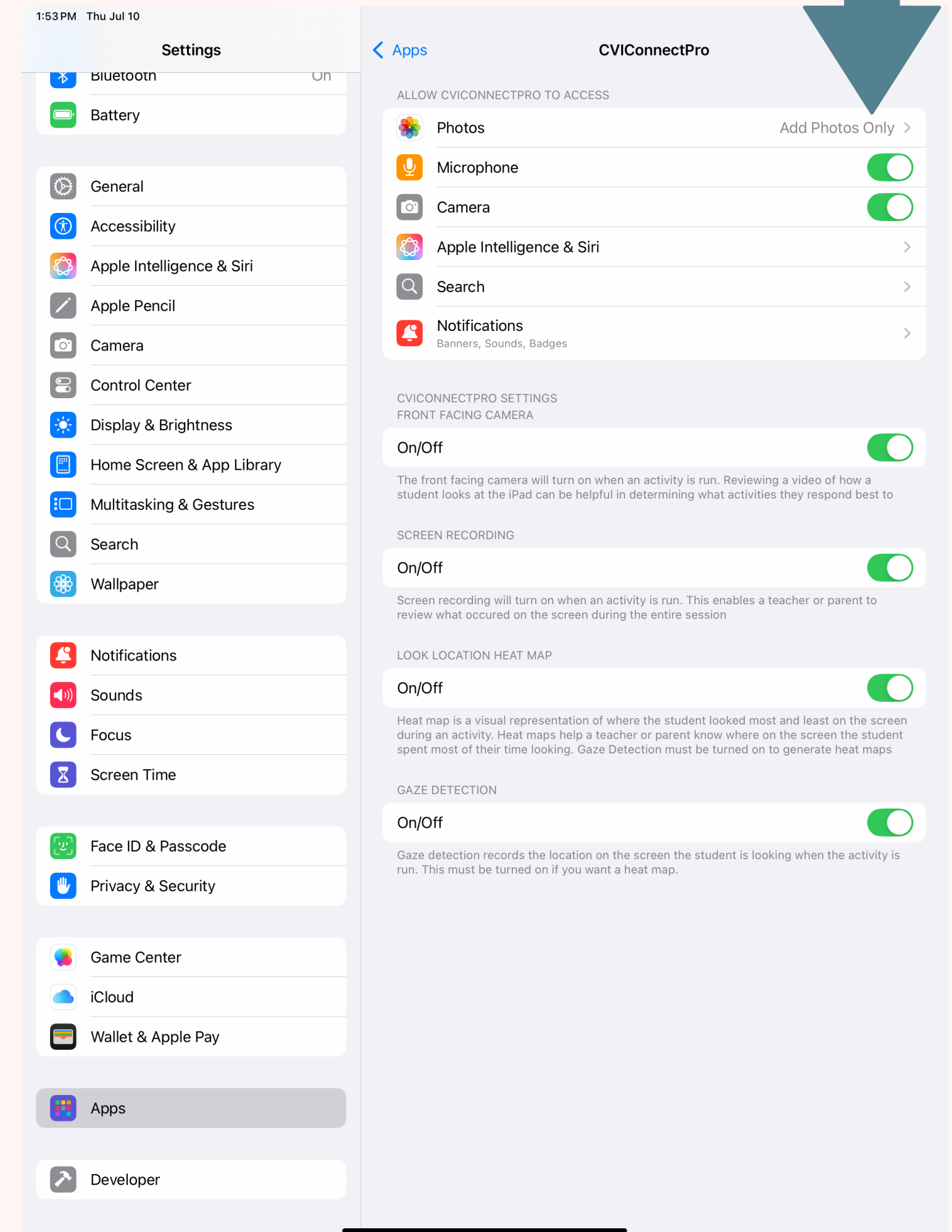
ALLOW CAMERA IN iOS SETTINGS

- No longer have to turn on Look Detection
- Data captured begins automatically
- Go to your iOS settings app on your iPad



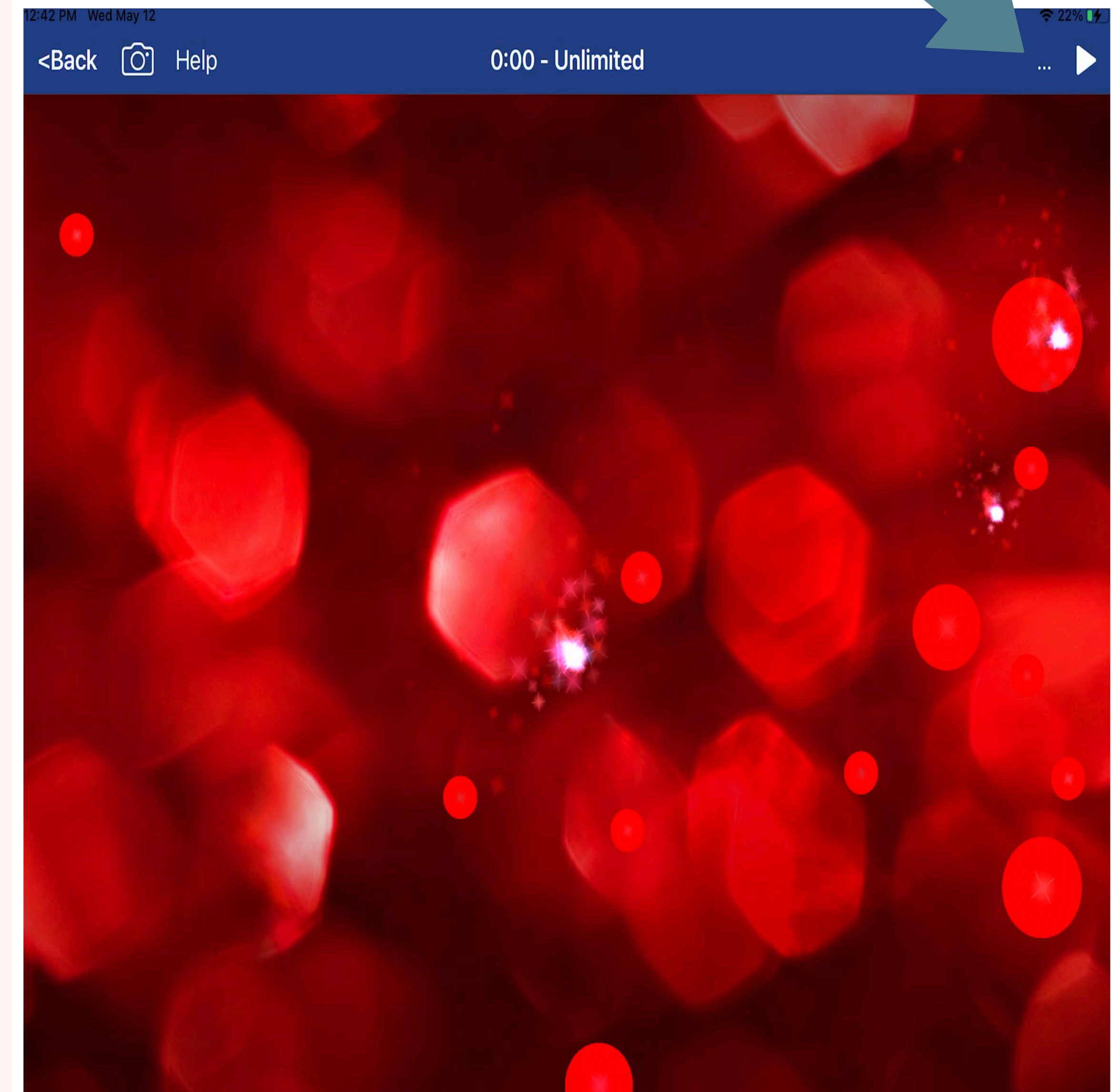
ALLOW CAMERA IN iOS SETTINGS

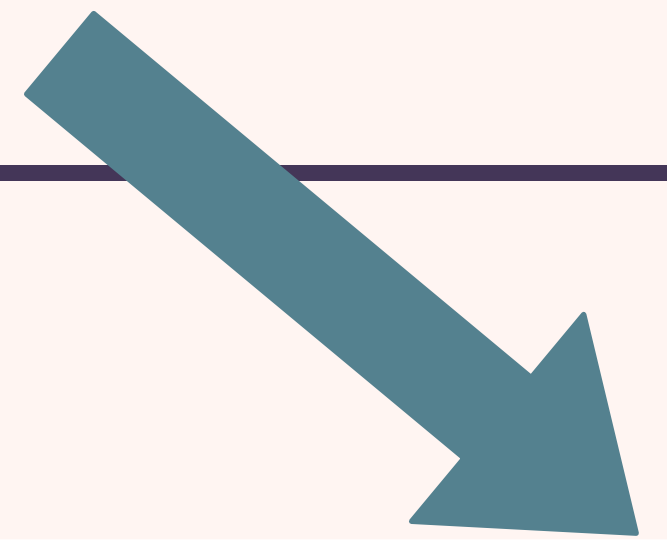
- No longer have to turn on Look Detection
- Data captured begins automatically
- Go to your iOS settings app on your iPad



ALIGNING THE CAMERA

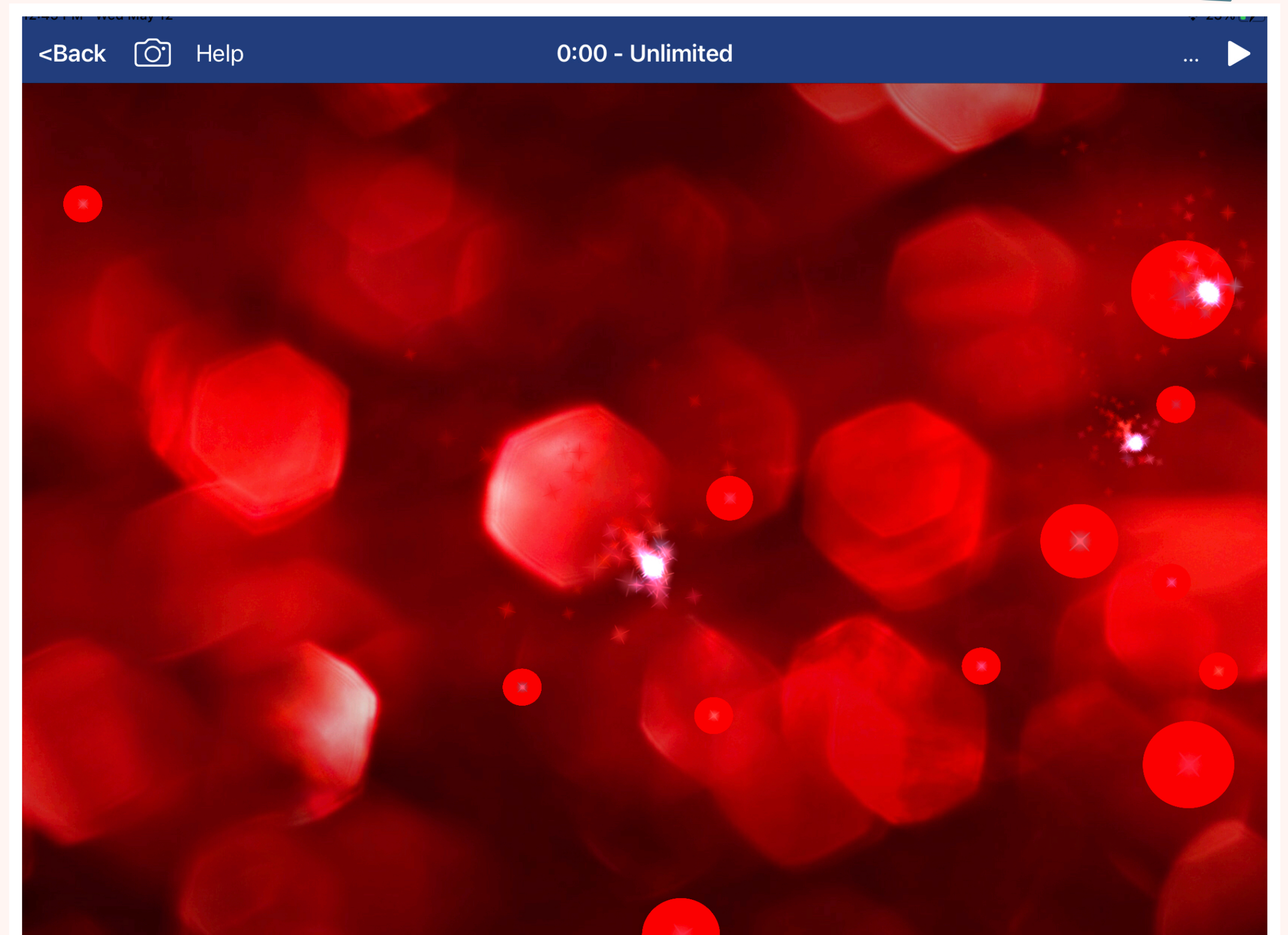
- **Touch the More Options '...' (three dots)**
- **Select 'Preview Eye Detection'**
- **Align with student face**
- **Touch Cancel**





BEGIN ACTIVITY

➤ **Touch play**



TROUBLE SHOOTING

Look Detection

- **Using a lint free cloth, wipe the forward facing camera to ensure it is free of debris**
- **Make sure CViConnect PRO has access to your camera**

Settings

- Boggle
- BrainPOP
- BrainPOP Jr.
- Business
- Calm
- Cash Reader
- Chrome
- Classroom
- Clips
- Concepts
- Connect
- Connect
- Connect
- CViConnect
- CViConnectPro**
- CVSimulator
- Desmos
- Disney+
- Docs
- Doodle Buddy

CViConnectPro

ALLOW CViCONNECTPRO TO ACCESS

- Photos Add Photos Only >
- Microphone
- Speech Recognition
- Camera
- Siri & Search >
- Notifications Banners, Sounds, Badges >

PREFERRED LANGUAGE

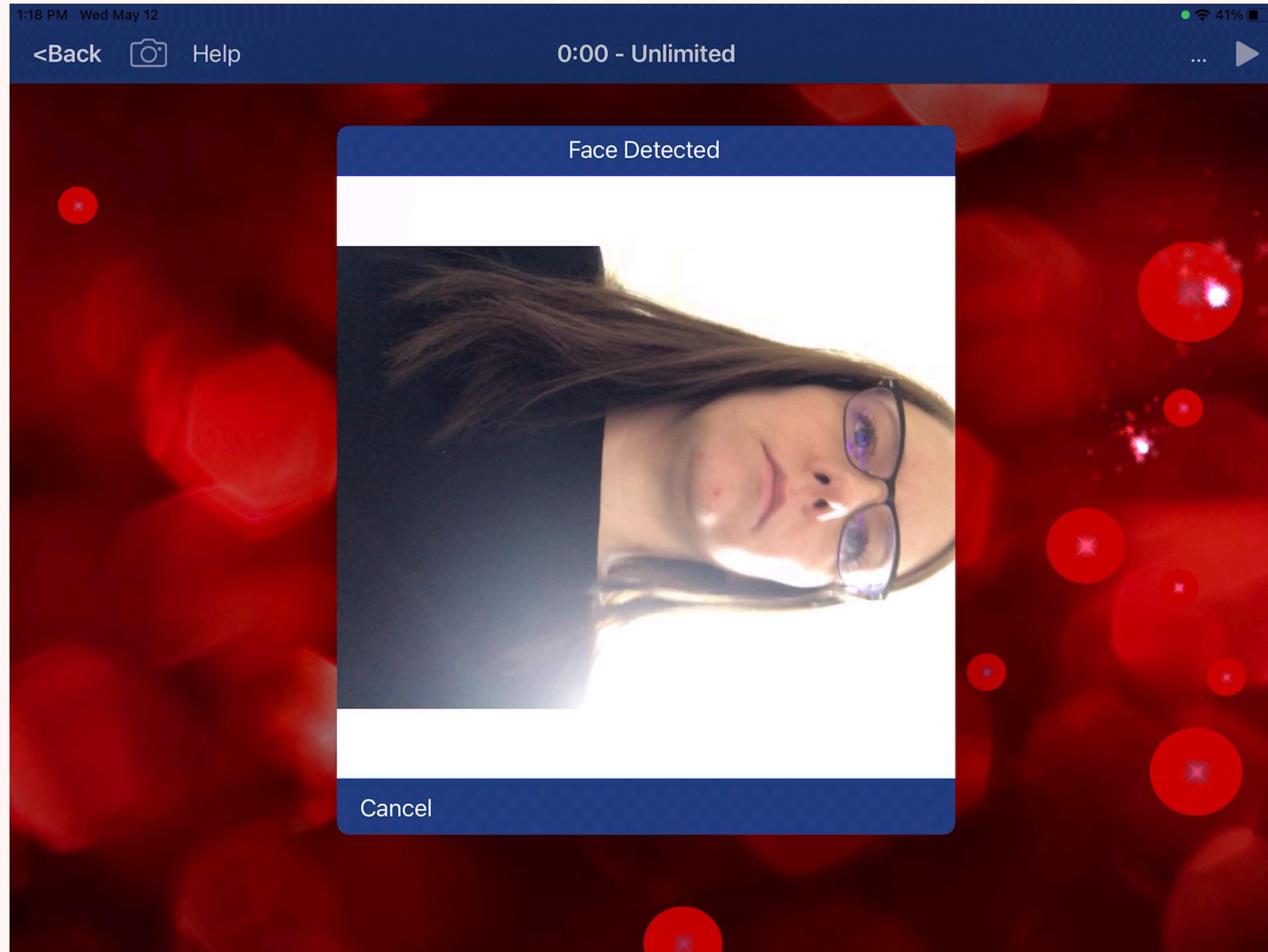
- Language English >



TROUBLE SHOOTING

Look Detection

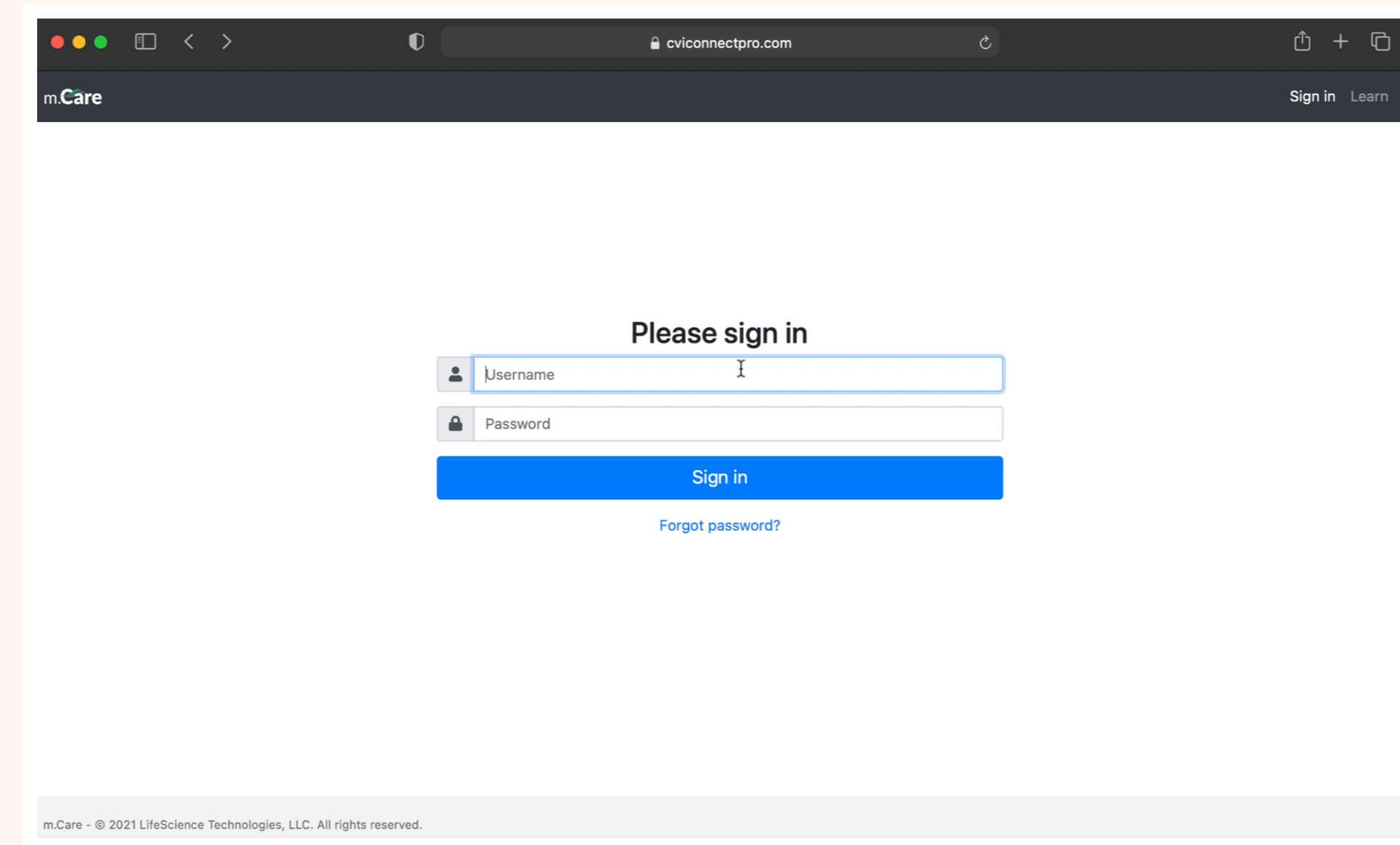
- **Using a lint free cloth, wipe the forward facing camera to ensure it is free of debris**
- **Make sure CViConnect PRO has access to your camera**
- **Student positioning vs positioning of the camera**
- **Consider environmental lighting**



CVI Activity Designer and Look detection from CViConnect PRO

WHERE DO WE FIND THE DATA?

- Log in to your cviconnectpro.com
- Select student from main menu
- Select the student you wish to work with
- From student menu, select Sessions
- Adjust date as needed
- Select session to view data



JOIN US NEXT TIME
JUNE 9TH 2021
3:30 ET/2:30 CT

Stephanie Steffer

stephanies@cviconnect.co

CViConnect.co

[CViConnect YouTube Channel](#)



THANK YOU!

Stephanie Steffer

stephanies@cviconnect.co

CviConnect.co

[CviConnect YouTube Channel](#)

