

CVI Training for Effective Teaching of Students with Visual Impairments

# LOOK DETECTION

CVICONNECT

Stephanie Steffer

<https://www.cviconnect.co>

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## SIGN UP FOR OUR NEWSLETTER

Stephanie Steffer  
stephanies@cviconnect.co  
CVIConnect.co  
CVIConnect YouTube Channel



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## 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



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**CHECK OUT OUR  
YOUTUBE CHANNEL**

[https://www.youtube.com/channel/UCcviQ158qV\\_wToFV29AAdBg](https://www.youtube.com/channel/UCcviQ158qV_wToFV29AAdBg)



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CVI Training for Effective Teaching of Students with Visual Impairments

**LOOK DETECTION**

CViCONNECT | Stephanie Steffer | [STEPHANIE@CVICONNECT.CO](mailto:STEPHANIE@CVICONNECT.CO)

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**LOOK DETECTION?**  
Look Detection

**What?      Who?      Why?**

**How?      Where?**

CVI Activity Designer and Look detection from CViConnect PRO



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## WHAT IS LOOK DETECTION?

Look Detection

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

CVI Activity Designer and Look detection from CViConnect PRO



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## WHO CAN USE LOOK DETECTION?

Look Detection

**All CViConnect Home and Professional Edition Activities  
Professional Edition has extensive access to data collection**

CVI Activity Designer and Look detection from CViConnect PRO



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## 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  
CVI Phases from Dr Christine Roman-Lantzy



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CVI Activity Designer and Look detection from CVIConnect PRO



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## 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**

CVI Activity Designer and Look detection from CVIConnect PRO  
CVI Phases from Dr Christine Roman-Lantzy



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## HOW DO WE USE LOOK DETECTION

Look Detection

**Align the camera**

**Begin the Activity**

**Turn on the Look Detection**

CVI Activity Designer and Look detection from CVIConnect PRO



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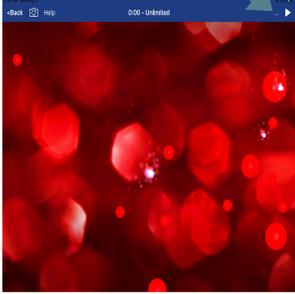
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## ALIGNING THE CAMERA

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



CVI Activity Designer and Look detection from CVIConnect PRO




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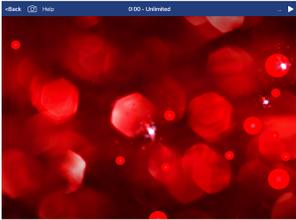
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## BEGIN ACTIVITY

- > Touch play



CVI Activity Designer and Look detection from CVIConnect PRO




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## TURN ON LOOK DETECTION

- > Touch face icon
- > Icon will change;

question mark to face open or closed eyes




CVI Activity Designer and Look detection from CVIConnect PRO




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# 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

CVI Activity Designer and Look detection from CViConnect PRO



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# 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



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**THANK YOU!**

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