

How to connect a webcam/phone/tablet to your computer for teaching Mathematics Pentathlon® games/activities on Zoom

Cable (C, USB, etc)

****Webcam is Recommended****
Webcam or iPhone/iPad

* If using a phone, turn off all notification

- Plug in webcam/phone/tablet to computer
- Start Zoom New Meeting on Computer
 - Make sure computer camera shows the Host's camera and NOT the webcam/iPhone camera. If Zoom is showing the webcam/phone camera (a) click the up arrow to the right of Stop Video, (b) select your main camera, (c) restart Zoom.
- Click Share Screen

FOR **WEBCAM connection**

- Go to Advanced tab at top
 - Select the Camera you want to use (usually "Content from 2nd Camera")
- Select Share button

FOR iPhone/iPad connection

- Go to Basic Tab at top
- Click iPhone/iPad via Cable on Computer
 - Select Share Button
 - Open phone Camera App
 - Turning camera horizontal (landscape mode) fills the viewers screen better.
- Note: (zooming in and out is allowed in photo mode not allowed in selfie mode).

Airplay

(iPhone/iPad ONLY)

****Sometimes not easy to connect****

* Turn off all notification on phone/tablet

- Connect iPhone and Computer to same wifi
- Start Zoom New Meeting on Computer
 - Make sure computer camera shows the Host's video camera and NOT the phone video camera. If Zoom is showing the phone/tablet camera (a) click the up arrow to the right of Stop Video, (b) select your main camera, (c) restart Zoom.
- Click Share Screen on Zoom
- Go to Basic Tab at top
- Click iPhone/iPad via Airplay
- Click Share
- From iPhone Home Screen
 - Swipe one finger up from bottom of phone
 - Select Screen Mirroring
 - Select where you want to Screen Mirror (Zoom - ????)
 - Select camera on phone
 - Turning camera horizontal (landscape mode) fills the viewers screen better.
 - Note: (zooming in and out is allowed in photo mode not allowed in selfie mode).

Logging In with Zoom-ID or Link

(Smart Phone/Tablet)

* Turn off all notification on phone/tablet

- Start Zoom New Meeting on Computer
- Click encircled "i" in top left corner to get Meeting ID/Password/Invite Link
- Open Zoom App on Phone/Tablet
- On Phone/Tablet click Join
- Enter Meeting ID/Password
- Click Join with Video
- On computer Admit phone
- On Phone you can click cancel or join with audio
- Mute your phone speaker and phone Microphone
 - Turning camera horizontal (landscape mode) fills the viewers screen better.
 - Note: (zooming in and out is allowed in photo mode not allowed in selfie mode).

Making Your Phone/Tablet the Main Screen for Participants to See:

"Spot Lighting"

To make the phone the major shared screen for viewers, make sure to "Spot Light the Video". The host can do this from the computer by using the 3 dots on the video, or putting the mouse of the camera in Participants section and selecting "Spot Light"