

P3 Angles - Markup and Keynote

Activity

Students explore angles that they can form with their bodies. They record each other in photos using Camera app. They then draw the angles using Markup function. As a possible continuation, students may collect these annotated pictures into a collection on Keynote. They can add audio explanations to talk about the angles they found.

Objectives

Students:




- understand concepts of angle
- make connections between mathematics and everyday life
- use mathematical language to express mathematical ideas
- demonstrate interest and enjoyment in learning mathematics

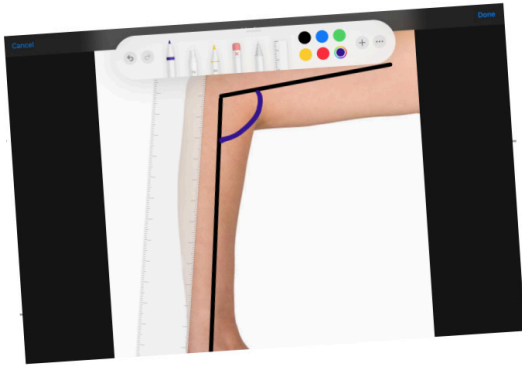
Extensions









- Explorations of concrete manipulatives is recorded using Camera app and annotated with Markup, for example, to show '3 groups of 4' vs '4 groups of 3'.
- Use Record Audio on Keynote to capture student thinking in solutions to multi-step word problems.
- Teachers use Markup on Photos or Recording Audio in Keynote to insert feedback on student work.



Have a Go

1. Tap  on the Home screen or swipe left on the Lock screen to open Camera. Tap the Shutter button or press either volume button to take the photo.
2. In Camera, tap the thumbnail image below the Shutter button to view the image full screen. Tap Edit and then tap . Tap Markup . Annotate the photo using the different drawing tools: pen, ruler, and color picker.



3. Open Keynote app . To create a Keynote presentation, tap  at the top of the screen to choose a theme.
4. On the slide where you want to add the image, tap , then tap . Tap Photo or Video. Navigate to the image, then tap it. Drag any blue dot to resize the image.
5. To add an audio recording, tap , tap , then tap Record Audio. Tap  and start recording; when you want to stop, tap . You can preview and edit your recording. Tap Insert when you're ready to place your recording.