

ZOOM IN (Making Thinking Visible)

Look closely at the small bit of image that is revealed.

- *What do you see or notice?*
- *What is your hypothesis or interpretation of what this might be based on what you are seeing?*

Reveal more of the image

- *What new things do you see?*
- *How does this change your hypothesis or interpretation? Has the new information answered any of your wonders or changed your previous ideas?*
- *What new things are you wondering about?*

Repeat the Reveal and Questioning until the whole image has been revealed.

- *What lingering questions remain to you about this image?*

Purpose: This routine asks learners to observe a portion of an image closely and develop a hypothesis. New visual information is presented, and the learner is asked to look again closely and reassess his or her initial interpretation in light of the new information. Because learners must deal with limited information, they know their interpretations must be tentative at best and might change as new information is presented.

Steps:

1. *Set up.* Display a section of the selected image and invite learners to look attentively at it, allowing time for careful observation. May want to begin with observations before moving to invite learners to develop hypothesis or interpretations based on what they have seen. They can do this individually, in small groups, or as a whole class.
2. *Reveal.* Uncover more of the image and ask learners to identify anything new they have seen and consider how this new information affects of their previous interpretations and hypotheses. May wish to ask, "What do you think the relationship is between these two people? What feelings are you getting from the words revealed so far? Do you have a prediction of what the next section of data will look like?" Discuss wonderings as well.
3. *Repeat.* Continue the process of revealing and interpreting until the entire image has been revealed and invite learners to state any lingering questions they have. Encourage the learners to discuss the different interpretations and reflect how their thinking has changed with each piece of additional information.
4. *Share the thinking.* Discuss the process with the learners. Ask them to reflect on how their interpretations shifted and changed over time. How did seeing more of the image influence their thinking? What parts were particularly rich in information and had a dramatic effect? Which were more ambiguous? What would the effect have been if the reveals had it happened in a different order?