

Image Sorting Tool Logic

Codes for participant data:

1. Have you worked with students with visual impairments before?
 - A1 = No
 - A2 = Yes, please describe
2. How much experience do you have creating verbal descriptions or tactile representations of images in books?
 - P1 = None
 - P2 = I have some experience – please describe

Image Sorting Decision Tree:

1. Which of the following best describes this type of image?
 - a. photo
 - b. drawing
 - c. cartoon
 - d. illustration of a process
 - e. flowchart
 - f. table (data display)
 - g. graphic organizer
 - h. map
 - i. timeline
 - j. graph (e.g. bar, circle, pie, line)
 - k. displays text only, with no accompanying picture
 - l. displays an equation only, with no accompanying picture
 - m. other:
2. What is the purpose of this image?
 - a. None. It is not needed for understanding subject matter (the image provides visual interest only) = **DO NOT DESCRIBE**
 - b. It is a graphical or activity icon (go to #3)
 - c. It provides information needed for understanding subject matter (go to #4)
 - d. Other:
3. Does this icon prepare the student for an activity, or represent a concept necessary to understanding the subject?
 - a. Yes = **VERBAL DESCRIPTION**
 - b. No = **DO NOT DESCRIBE**
4. Does the image provide additional information essential to understanding that the student would not otherwise read in the surrounding chapter on the page?
 - a. Yes
 - b. No = **DO NOT DESCRIBE**

5. Is there text shown within the image?
 - a. Yes
 - b. No

6. Would a verbal description adequately convey the main idea of this image?
 - a. Yes = **VERBAL DESCRIPTION**
 - b. No

7. A verbal description is inadequate because....
 - a. There is spatial information that can only be convey through a tactile graphic
 - b. It would require an excessively longer time to describe the image than it would if the student explored it tactually
 - c. Other:

8. Would a tactile representation be more useful to convey the main idea of this image?
 - a. Yes = **TACTILE GRAPHIC** (go to #9)
 - b. No (go to #10)

9. This image should be converted to tactile format because:
 - a. It represents a spatial concept
 - b. It is needed for the student to participate in an activity
 - c. The subject matter is otherwise inaccessible
 - d. Other:

10. How do you think this image could be best represented to a student who is visually impaired?