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?