Plan for Inheritance station for 5th grade

Inheritance (Amelia)
What is your hypothesis about which parents go with which progeny?
Fish:
Easy: Parents look exactly like the progeny-brainbow progeny that match parents,
Medium: Red and Grey fish that give rise to red and grey progeny
Hard: Red and yellow fish give rise to orange, red, grey, yellow progeny

Describe what inheritance is?
-let the students come up with a definition
-tell students what inheritance means

Give an example (height)
- tall dad and short mom= I’m medium height
- ask them what other examples of inherited traits are
  - eye color, hair color, skin color, nose shape, diseases

Direct the students attention to the tanks (three on left are babies and three on right are parents of babies)
- Do matching game: parents to babies
- based on inherited traits ~ color, pattern, fin length
- DO together or let them do it with their group
- give answers

Point out
- brainbow fish
- redX yellow= orange