

Body Investigators: The Process Pathway

(Year 5 - Ages 10-11):

Lesson 3 of 9

Name: _____ Class: _____

Student Worksheet

Activity 1: PATHWAY A: The Organ ("Machine") Transplant (This pathway is a high-speed "Relay Race" against time)

Task: Place the steps for an organ transplant in the correct order.

Mission: To be a "Scientific Mapper" and chart the two different "Process Pathways" for donation. Use your "Process Pathway Cards" to help you and your team fill in the flowcharts.

Step 1: A "Helping Hero" passes away in a special way (in an ICU) so their "machines" stay healthy.

Step 2: (Write or draw the next step)

Step 3: (Write or draw the next step)

Step 4: The "Super-Mechanics" (doctors) perform the life-saving transplant "repair."



Student Worksheet

Activity 2: PATHWAY B: The Tissue ("Material") Transplant. (This pathway is a careful, planned process)

Task: Place the steps for a tissue transplant (like a cornea) in the correct order.

Step 1: A "Helping Hero" passes away.

Step 2: (Write or draw the next step)

Step 3: The "Magic Step" (Write or draw the step that is different from the organ pathway. Hint: Where are the "materials" stored?)

Step 4: Weeks or months later, a "Super-Mechanic" uses the "material" to perform a life-changing "repair" (e.g., help someone see).



