

Process Pathway Cards

The Organ Pathway: A Race Against Time

Teacher Instructions

How to Use These Cards

Mix each colour-set separately

Give each group a scrambled pack

Students sort the cards into the correct pathway order

Discuss: Why is one pathway fast? Why is one pathway slow?

Step 1

The Heroic Family Decision:

The donor family says YES to the gift (The starting line of the race!).

Step 2

The Urgent Match:

The Coordinator Team finds the perfect match for the organ, checking blood type and size (The "Race Clock" is ticking!).



Step 3

The Super-Mechanic Team:

Specialist surgeons quickly and respectfully collect the organ, knowing it must be transplanted fast.

Step 4

The Life-Saving Repair:

The organ is delivered to the waiting recipient, and the transplant "repair" is performed, saving a life (The finish line!).

Step 1

The Heroic Family Decision:

The donor family says YES to the gift of tissue.

Step 2

The Material Collection:

The tissues (like corneas, skin, or bone) are respectfully collected (This can happen up to 24 hours later, not in a rush!). performed, saving a life (The finish line!).

Step 3

The Tissue Bank Magic:

The tissues are sent to a special, safe lab called a Tissue Bank where they are processed, cleaned, and stored (The "Library of Gifts").

Step 4

The Future Repair:

Weeks or months later, a doctor requests the needed "material" from the Tissue Bank to help a person see, walk, or heal.

PATHWAY A:

The Organ ("Machine") Transplant

More Detailed Process

1. A Hero's Gift Becomes Possible

A person who chose to be a donor has passed away, and their family honours their decision.

2. The Hospital Contacts the Donation Service

Doctors notify the organ donation team immediately.

3. Specialist Coordinators Step In

Coordinators confirm the donor's details and begin arranging the process.

4. Tests Are Completed Quickly

Doctors check which organs are healthy and ready to be gifted.

5. The Matching System Searches for Recipients

A national system finds the best match for each organ.

6. "Perfect Match" Alerts Are Sent

Transplant teams across Australia are notified straight away.

7. Recipients Are Contacted Immediately

The people waiting for these organs must prepare at once.

8. Surgical Teams Assemble

Doctors and nurses gather urgently – the “race against time” begins.

9. The Gift Is Respectfully Collected

The organ is carefully removed with great respect.

10. The Organ Is Transported Fast

Couriers, pilots, and drivers work together to move it quickly.

11. The Transplant Surgery Happens

The organ is placed into the recipient to restore the “Treasure of Time.”

12. The Chain Reaction of Kindness Continues

The recipient and their family begin a new chapter of life and hope.

PATHWAY B:

The Tissue ("Material") Transplant

More Detailed Process

1. A Hero's Gift Is Honoured

A donor's family agrees to share tissues such as bone, skin, or corneas..

2. Donation Teams Are Notified

Coordinators begin the process, but there is no urgent time pressure.

3. Tissue Specialists Plan the Next Steps

Experts decide which tissues can be used to help others..

4. The Gift Is Respectfully Collected

Tissues are removed with great care, honouring the donor and their family.

5. The Tissues Are Sent to a Specialist Facility

They travel to a laboratory where experts prepare them.

6. Cleaning and Processing Take Place

The tissues are carefully cleaned, tested, and made safe for use.

7. Tissues Are Stored for the Future

Unlike organs, these gifts can be kept for months or even years.

8. Doctors Request What They Need

Hospitals ask for tissues when a patient requires them.

9. A Recipient Is Matched

The tissue chosen is the best fit for the person who needs help.

10. The Tissue Is Transported Safely

It is sent to the hospital, where it will be used.

11. The Transplant Happens

Doctors use the tissue to restore sight, repair bone, or support healing.

12. Hope Is Strengthened in the Community

The recipient's life improves, creating a ripple of kindness.