Teacher Resource

Organ Donor Recipient

Focus Questions

Discuss the BTN story as a class and record the main points of the discussion. Students will then respond to the following:

1. In pairs, discuss the BTN story. Record the main points of the discussion.
2. What disease does Samantha have?
3. How does the disease affect Samantha?
4. What is an organ transplant?
5. How many different types of organs can be donated?
6. How long was Samantha on the waitlist for a liver transplant?
7. How did Samantha feel when she found out there was a match?
8. What is the national organ donor register?
9. How did this story make you feel?
10. Name three things you learnt about organ donation.

Activity: Class Discussion

Discuss the information raised in the BTN Organ Donor Recipient story. Ask students to record what they learnt about organ donation on a mind map. What questions do students have? Use the following to guide the discussion:

- What did you learn about organ donation?
- What does this story make you wonder?
- How do you feel about organ donation?
- It was interesting to learn that…
- Why do you think it is important to hear about stories like Samantha's?
- Think of three adjectives to describe Samantha.
- How has your thinking changed since watching this story?
- What questions do you have about this topic?

EPISODE 7
16th March 2021

KEY LEARNING
Students will explore the process of organ donation. Students will design a public education campaign to raise awareness about organ donation.

CURRICULUM
Science – Year 5 & 6
Scientific knowledge is used to solve problems and inform personal and community decisions.

Science – Year 7
Solutions to contemporary issues that are found using science and technology, may impact on other areas of society and may involve ethical considerations.

Science – Year 8
Multi-cellular organisms contain systems of organs carrying out specialised functions that enable them to survive and reproduce.

Science knowledge can develop through collaboration across the disciplines of science and the contributions of people from a range of cultures.

Activity: KWLH

What questions were raised in the discussion about organ donation and what are the gaps in their knowledge? The following KWLH organiser provides students with a framework to explore their knowledge on this topic and consider what they would like to know and learn.

What do I know?	***What do I want to know?***	***What have I learnt?***	***How will I find out?***

Research questions for Inquiry

- Why do people need organ transplants?
- Who can become an organ donor?
- What is the organ donation process? Choose one organ and research the process of donation in more detail.
- What is 'living donation'?
- Would you donate your organs? Why or why not? Discuss with a partner whether you would choose to donate organ/s. Write a letter to your family explaining your decision.

Activity: Public education campaign

Students will design a public education campaign to raise awareness about organ donation. Students will think about their campaign's aim, target audience, and the value of raising awareness at their school.

To create a school awareness campaign, students will need to identify the following:

- What is organ donation?
- What organs can be donated?
- Who can become an organ donor?
- Why is organ donation important?
- What is the process for organ donation?
- How can you teach other kids about the importance of organ donation? Think of creative ways you can teach kids your message about the topic.

Some questions to consider when designing your campaign:

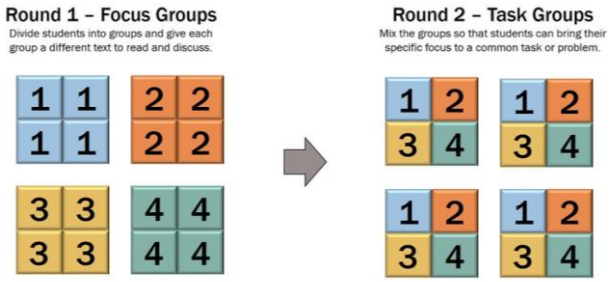
- What is the campaign's main aim?
- Do you have a slogan or message? What is it?
- Who is your target audience?
- What is the best way to communicate the message?

Discuss with students how they will get their message out there to help raise public awareness. Some possibilities include:

- Short film or animation
- Community service announcement (for print, television or radio).
- Press release (create posters to be put up around the school or pamphlets to give to all students).

Activity: Jigsaw learning activity

In this activity students will work cooperatively to learn more about the organs in our body. Each group will become experts and then share what they have learnt with other students.



Form groups

Divide the class into 6 x Focus Groups (or more depending on your class size). Each Focus Group will be assigned a different organ of the body to investigate and become experts (for example lungs, liver, kidneys, pancreas, stomach and heart). Each group will need to decide how they will collect and communicate the information they find during their research. For example, students can create a model, a short video or an infographic.

Research

Each Focus Group will respond to the following questions to become experts:

- What does it look like? Describe its shape and size. Draw a picture.
- Where is it in the body?
- What is its function?
- How does it contribute to keeping our bodies alive and healthy?
- What organ system is it part of? Describe what the organ system does.
- Why might someone need a transplant for this organ?
- What are the challenges with transplants for this organ?
- What are some interesting facts about the organ?

Share

Mix the Focus Groups to form Task Groups (Tasks Groups include one student from each of the Focus Groups) to share the information they have collected. Students will share the information they have collected and learn from one another.

Reflect

Students will reflect on the activity by responding to one or more of the following questions:

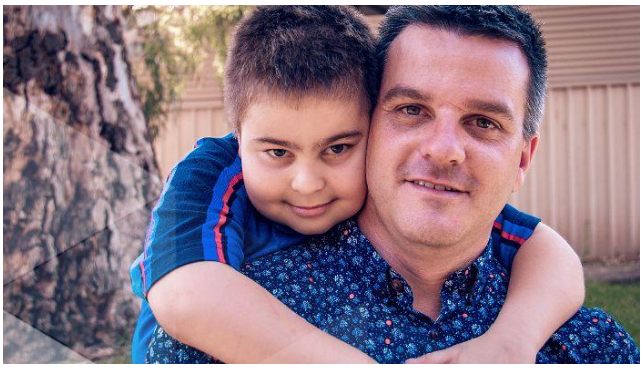
- What did you enjoy about this investigation?
- What did you find surprising?

Further project

In small groups, students will draw an outline of their bodies and draw in each of the internal body organs. Students will trace around a group member lying on a large piece of butcher's paper to create a life size drawing of the human body. The task is to then draw the major internal body organs. Students will need to think about size, shape and where the organs are positioned in the body.

Activity: BTN Story

Watch the BTN Kidney Day story to learn more about how kidney's work and the process of kidney donation. Students will then respond to the following discussion questions.



1. Briefly retell Harrison's story in your own words.
2. What is one of Harrison's favourite things?
3. When Harrison was born, his kidney function was _____ %.
4. Why are kidneys important?
5. People need two kidneys to survive. True or false?
6. When Harrison's kidney stopped working, he had to go on to dialysis. What does that mean?
7. Which family member gave Harrison a kidney?
8. Why does Harrison need to take special medicine?
9. How did this story make you feel?

Useful Websites

- Organ Donation – BTN
- Kidney Day – BTN
- Organ Farming – BTN
- Australian Organ Donor Register – Medicare
- Organ and Tissue Donation – Victoria State Government
- About Donation – Organ and Tissue Authority Australia
- For Students – Organ and Tissue Authority Australia