

# Kindness Inventions

(Year 3 - Ages 8-9):

## Lesson 3 of 9

Name: \_\_\_\_\_ Class: \_\_\_\_\_

### Teacher Preparation

#### Introduction for Teachers

This lesson adapts the complex theme of "medical innovation" into a creative and empowering activity for Year 3 students: designing "Kindness Inventions." The goal is to help children see science and technology as tools for kindness and problem-solving. The lesson frames this exploration through the fun and imaginative role of a "Kindness Inventor," starting with familiar inventions to build confidence.

The core objective is to build an understanding that creativity and science work together to help people. This creates a powerful and positive context for framing organ and tissue donation as one of the most incredible "inventions" of all—a clever and compassionate solution where science and human generosity combine to save lives.



## Key Concepts & Language for Teachers

- **The "Kindness Inventor" Metaphor:** This is the central theme. Introduce it as an exciting challenge.
  - **Say:** "Today, we are all going to put on our thinking caps and become Kindness Inventors! An inventor is a creative problem-solver. Our mission is to think of a problem that affects people's bodies and design a clever invention to help them."
- **Defining a "Kindness Invention":** Start with simple, relatable examples to make the concept accessible.
  - **Say:** "Kindness Inventions are all around us! Glasses are a kindness invention—they solve the problem of blurry vision. A bandaid is a kindness invention—it solves the problem of a small cut. They are clever ideas that help our bodies feel better."
- **Connecting Inventing to Problem-Solving:** Link the creative process to a clear purpose.
  - **Say:** "Every great inventor starts by asking, 'What's the problem?' Then, they use their imagination and knowledge to design a solution. Our 'Kindness Inventions' will start the same way. First, we'll find a problem, and then we'll design a fantastic solution."
- **Connecting to the Bigger Idea:** Frame the gift of donation as a brilliant, real-life kindness invention.
  - **Say with a sense of wonder and admiration:** "For a very long time, if a person's heart or lungs became too tired to work, there was no solution. But then, some of the cleverest and kindest inventors in the world—doctors and scientists—came up with an incredible idea. This 'invention' is called transplantation. It's the amazing idea of a kind person giving a healthy organ to someone who needs it. It is one of the most brilliant kindness inventions ever, mixing science with the pure generosity of people to save lives."

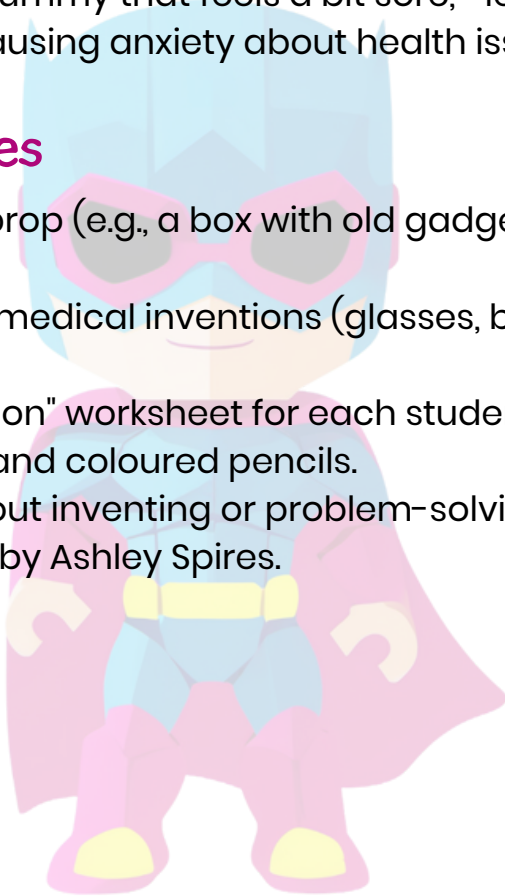


## Safety and Sensitivity Considerations

- **Focus on Creativity, Not Medical Accuracy:** Encourage imaginative and even magical solutions. The goal is to foster creative problem-solving, not to design real medical devices. Inventions like "giggle-goggles" to cure sadness are perfect.
- **Keep the Tone Fun and Empowering:** The "inventor" role is key. Use language that makes students feel capable, creative, and intelligent. Celebrate all ideas, no matter how simple or fantastical.
- **Frame Problems Gently:** When brainstorming problems, use gentle language (e.g., "a tummy that feels a bit sore," "legs that get tired easily") to avoid causing anxiety about health issues.

## Teacher Resources

- An "Inventor's Kit" prop (e.g., a box with old gadgets, blueprints, a lab coat).
- Pictures of simple medical inventions (glasses, band-aids, crutches, hearing aids).
- A "Kindness Invention" worksheet for each student.
- Markers, crayons, and coloured pencils.
- A picture book about inventing or problem-solving, such as *The Most Magnificent Thing* by Ashley Spires.



## Magical Body Facts for Year 3 (Ages 8–9)

- Your heart pumps around 7,500 litres of blood through your body every day! ❤️
- If all your blood vessels were stretched end-to-end, they could go around the Earth two and a half times! 🌍
- Your brain sends messages to your body at speeds of up to 430 km/h – faster than a Formula 1 car! 🏎️
- Your stomach gets a new layer of mucus every few days so the acid inside doesn't eat through it. 🤢
- The strongest muscle in your body (for its size) is your jaw muscle – perfect for biting into an apple! 🍏
- You blink around 15–20 times every minute, which means over 10 million blinks a year! 👁️
- Earwax isn't "yuck" – it's a special waxy shield that protects your ears from dust, germs, and water. 🧠🛡️
- Your bones are constantly being broken down and rebuilt – every 10 years you have a brand-new skeleton! 💀✨
- The acids in your stomach are strong enough to dissolve metal – but don't worry, your body is built to handle it! 🧪
- Your fingerprints are completely unique – no one else in the world has the same ones as you, not even identical twins! 🔍

