

# ORGAMITES®

IT'S WHAT'S INSIDE THAT COUNTS

DISCOVER MORE AT [ORGAMITES.COM](http://ORGAMITES.COM)

TOOLKIT 1

## MEET YOUR MIGHTY ORGANS

ADDITIONAL TEACHER RESOURCES



IN PARTNERSHIP WITH



ONASSIS  
FOUNDATION



Organ Donation  
Northern Ireland

HSC Public Health  
Agency

Canadian  
Blood  
Services

BLOOD  
PLASMA  
STEM CELLS  
ORGANS  
& TISSUES

Giving  
to help  
others



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## WHAT IS ORGTOBER?

Orgtober, formerly known as October, is our 'Organ Donation Education Month,' a month of activities, activations, and events all dedicated to promoting organ donation education among children, teachers, and families the world over. By highlighting the importance of organ donation and encouraging more people to consider organ donation, we hope to create a worldwide movement that will impact generations to come and save countless lives too.

“These fun characters lighten the mood, make it easier to start the conversation with family members and really open people’s mind”

- Mr Colin Wilson, FRCS PhD Con  
Hepatobiliary and Transplant Surgeon,  
Associate Clinical Lecturer

“Far from being a difficult subject to broach - the Orgamites have swept into our school bringing light, laughter and a gentle touch to the topic of organ donation.”

- Kate Johnston, Grade 1 Teacher

**Orgtober**  
ORGAN DONATION EDUCATION MONTH



# WE BELIEVE TEACHERS CAN CHANGE THE WORLD

If you're a teacher, you're already a hero in our books. But did you know that your class is full of undercover superheroes? Hiding in plain sight, every one of your students possesses a set of incredible organs. These magnificent parts not only keep them alive and healthy – but could save other lives one day too.

**The problem is – hardly any kids know this.**

**As the only organ donation education and awareness programme of its kind, the Organmites are here to change all that – breathing new life and lightness into organ donation education.**

## WHY TEACH CHILDREN ABOUT ORGAN DONATION?

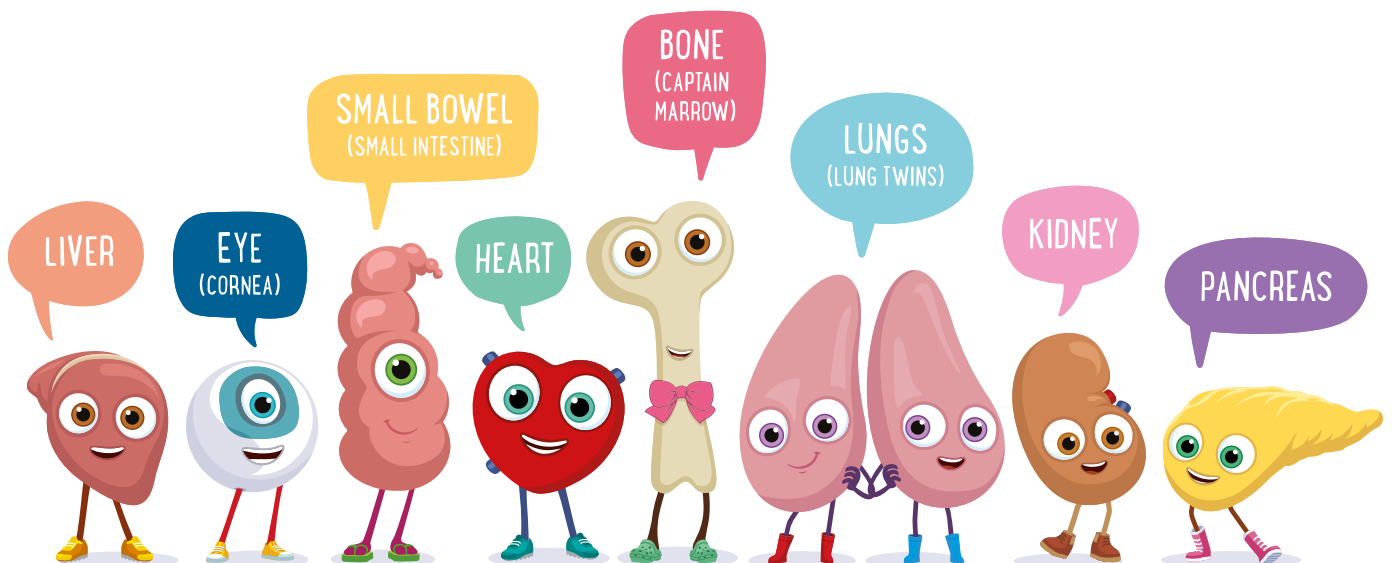
Around the world, there's a critical shortage of life-saving organs, especially for children. In fact, children tend to wait two-and-a-half times longer than adults. Only through widespread education and awareness initiatives can we hope to decrease waiting lists and save lives. That's where you come in.

Together with our tried-and-tested educational resources, you can help us give children the information they need to make an informed decision about organ donation, one that's right for them. And we want to encourage children and families to talk comfortably about organ donation.

## WHO ARE THE ORGAMITES?

A team of nine life-saving organs found in each one of us, the Organmites are known as the 'mighty organs' because they represent the organs most needed for donation and transplantation.



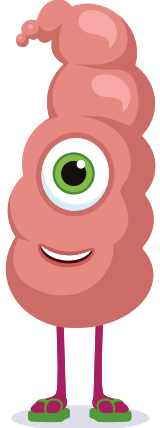

Through an ever-growing range of fun, educational resources (geared toward children aged between 5 and 11), the Organmites are on a mission to inspire and equip more students, teachers and families everywhere to talk more about organ donation and to take better care of their bodies, each other, and our world.



# ACTIVITY #1

## (Key Stage 1) Matching Cards Page 1 of 2

Divide the class into small groups. Print out one set per group of students, then cut it up into cards. Give each group the cards and challenge them to match each organ to its description/function.

	<p>Most importantly, cleans the blood!</p> <p>?</p>	<p> <b>PANCREAS</b> </p> <p></p>
<p>When you breathe, takes oxygen into your bloodstream.</p> <p>?</p>	<p> <b>SMALL BOWEL</b> (SMALL INTESTINE) </p> <p></p>	
<p> <b>HEART</b> </p> <p></p>	<p>6m in length! gets nutrients from food and drink.</p> <p>?</p>	





# ACTIVITY #1


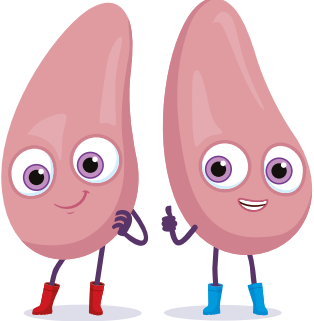
## (Key Stage 1) Matching Cards Page 2 of 2

Divide the class into small groups. Print out one set per group of students, then cut it up into cards. Give each group the cards and challenge them to match each organ to its description/function.



Breaks down food and controls blood sugar levels.




LUNGS


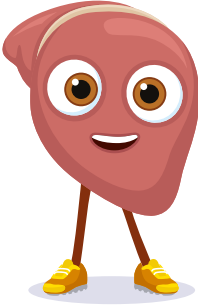
Pumps blood around the body.


KIDNEY

LIVER

Two bean shaped organs that filter waste from the blood





# ACTIVITY #1


## (Key Stage 2) Matching Cards Page 1 of 2

Divide the class into small groups. Print out one set per group of students, then cut it up into cards. Give each group the cards and challenge them to match each organ to its description/function.

Transports oxygen from the air you breathe into your bloodstream and takes away carbon dioxide when you breathe out.



?


 **PANCREAS** 



Not an organ. makes blood cells which carry oxygen and fight infection.



?

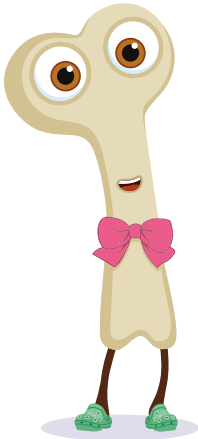
 **SMALL BOWEL**  
(SMALL INTESTINE) 



This organ makes two important substances – enzymes to break down food and hormones to control blood sugar levels.

?

 **BONE**  
(CAPTAIN MARROW) 





# ACTIVITY #1


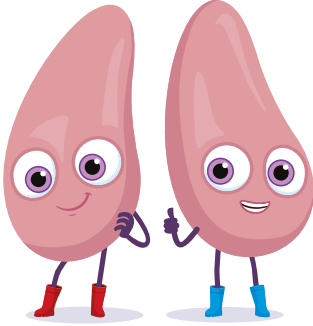
## (Key Stage 2) Matching Cards Page 2 of 2

Divide the class into small groups. Print out one set per group of students, then cut it up into cards. Give each group the cards and challenge them to match each organ to its description/function.



Most people have two of these bean-shaped organs. They filter waste products from the blood.



LUNGS



Does everything with a steady rhythm. Acts as a powerful pump to move blood around the body.


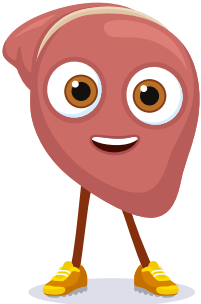
KIDNEY



6m in length end to end! Absorbs nutrients from food and drink.


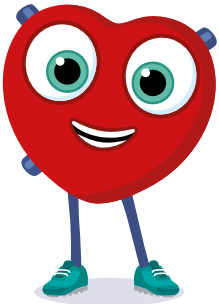
LIVER

This busy organ has more than 200 different functions including cleaning or importantly, filtering the blood.

HEART

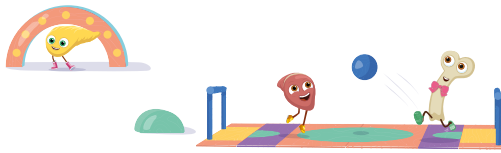





# ACTIVITY #3

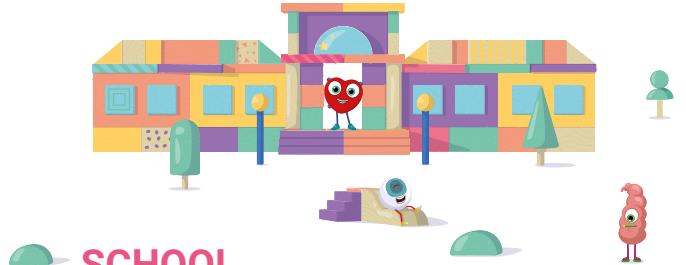
## Who Can I Help?

Think of ways that you can help others in school, home, your local area and the wider world.



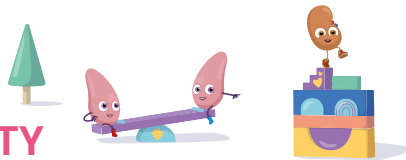
### FAMILY AND FRIENDS

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_



### SCHOOL

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_



### MY COMMUNITY

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_



### NORTHERN IRELAND & BEYOND

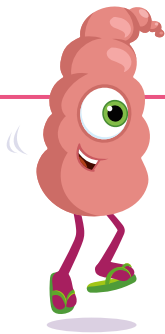
1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_

## ACTIVITY #4

### The Word Game

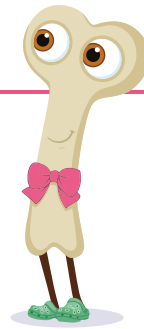
Can you choose an organ or body part to describe to your partner?

You must describe your chosen body part without using the name of the body part or the words on the card.  
Choose your difficulty level: **Hard** | **Harder**



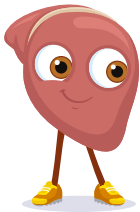
#### SMALL BOWEL (SMALL INTESTINE)

Small intestine  
Digestion  
Food



#### CAPTAIN MARROW (BONE MARROW)

Bones  
Blood  
Stem cells



LIVER  
Multi-tasker  
Cleans  
Blood



EYE  
See  
Cornea  
Vision



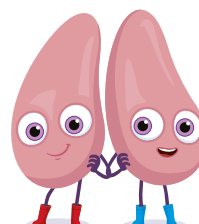
PANCREAS  
Food  
Enzymes  
Pear-shaped



HEART  
Blood  
Pump  
Beat



KIDNEY  
Clean  
Two  
Bean-shaped



LUNGS  
Breath  
Chest  
Oxygen



# TAKE HOME ACTIVITY #1

## A Family Challenge

### CHALLENGE 1

1. Pick an organ or body part.
2. Can you describe the mighty organ or body part to a family member using just three clues?

#### Clue sentence starters

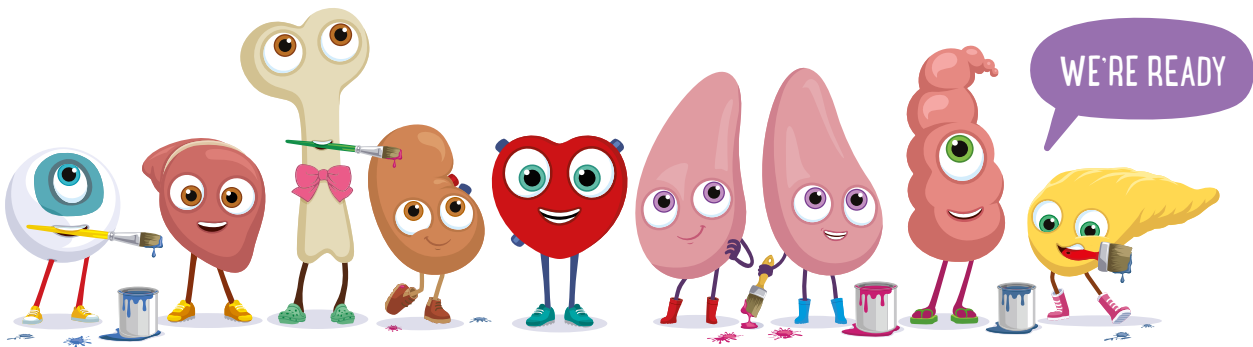
Use these sentence starters for your clues or create your own!

- I can be found...
- My function in the body is...
- Without me...

### CHALLENGE 2

What else can you tell your family about what you have learned?

- Can you explain what an organ donor is?
- Can you list six organs that can be donated or given from one person to another?
- Challenge: Can you tell your family about 'Dáithí's Law' ?



1. An organ donor is someone who gives, or donates, their organs. You can be a living donor (e.g. donating Captain Marrow (Bone marrow) or part of the Liver) or you can donate organs after death.
2. Any of the following: Liver, Kidneys, Lungs, Heart, Small Intestine (Small bowel), Pancreas, Eyes (Cornea). Captain Marrow (Bone marrow) can also be donated, but is not an organ!
3. Logan Boulet became an organ and tissue donor in April 2018 following the Humboldt Broncos bus crash. By sharing his decision to become an organ donor with his friends and family, 'Dáithí's Law' is named after 6-year-old organ donation campaigner Dáithí Mac Gabhann, who has been waiting for the gift of a new heart for nearly 5 years. The new law will change the system of organ donation in Northern Ireland to an opt-out system. This means everyone will be presumed to be a donor unless they opt out.

#### Possible answers



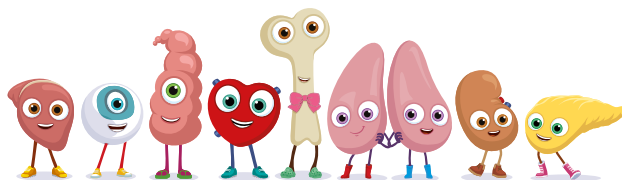
IT'S WHAT'S INSIDE THAT COUNTS  
DISCOVER MORE AT ORGAMITES.CA

(CORNEA)

(BONE MARROW)

(SMALL INTESTINE)

LARGE BOWEL  
(LARGE INTESTINE)



CAN YOU NAME YOUR MIGHTY ORGANS?

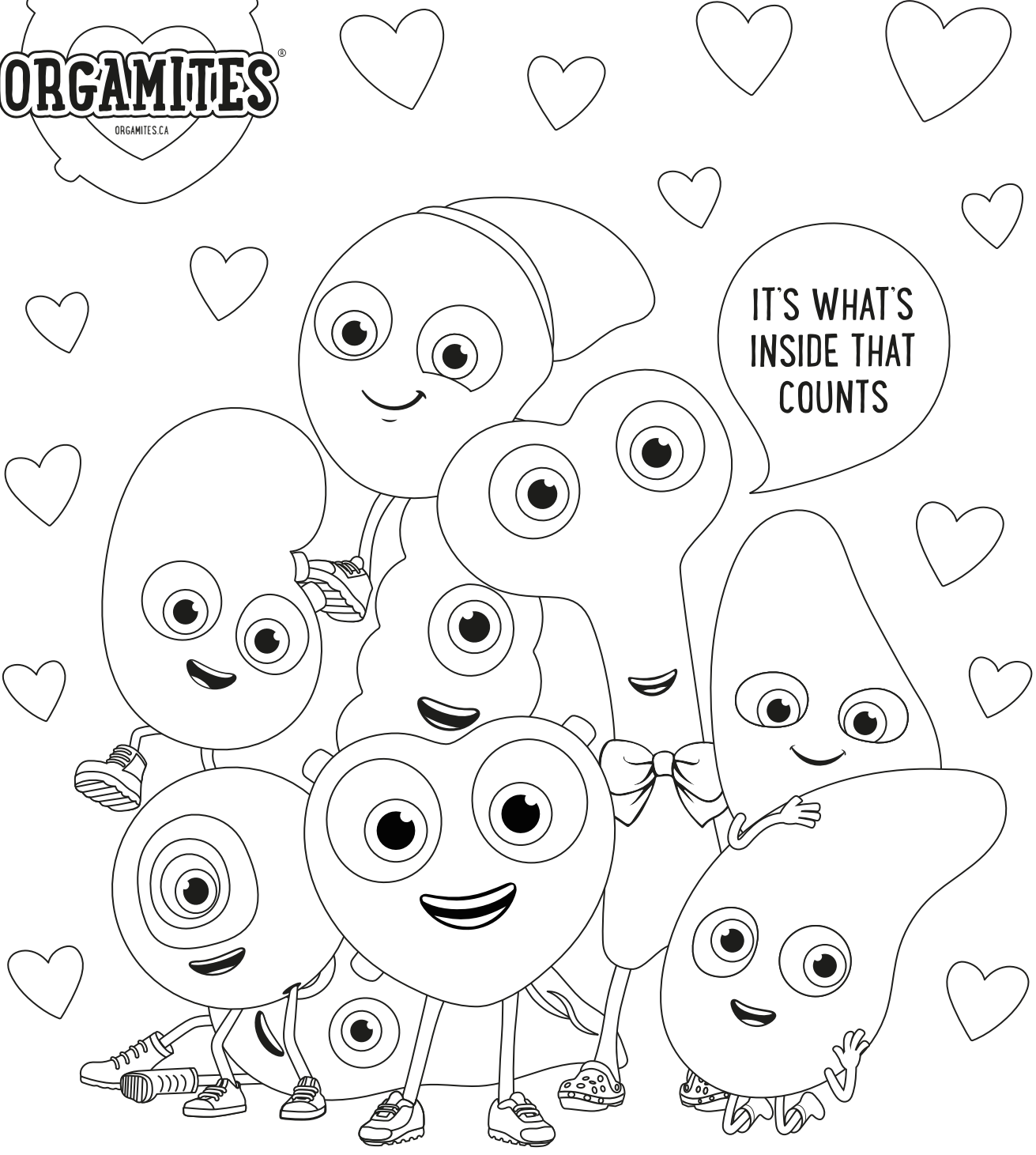
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Organ Donation  
Northern Ireland









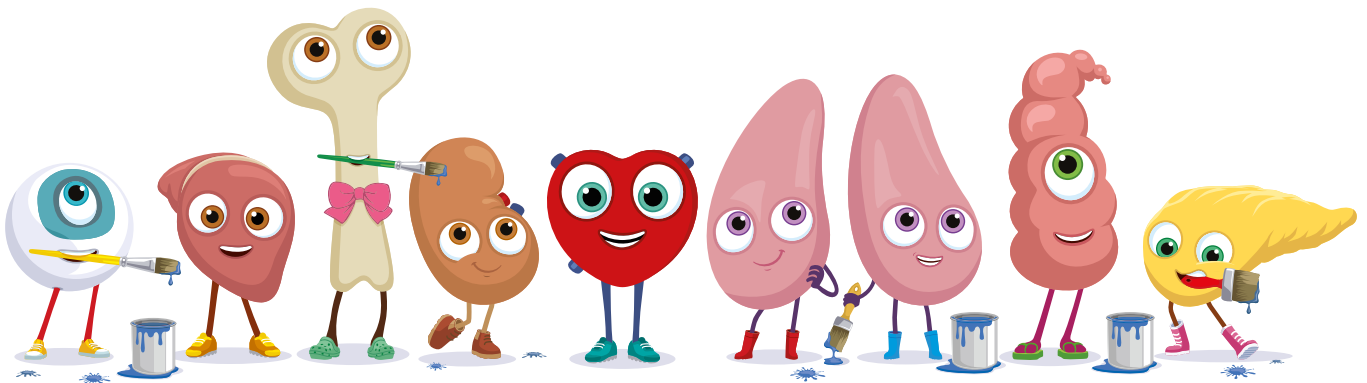
ARTIST: \_\_\_\_\_

AGE: \_\_\_\_\_



Organ  
Donation

# IT'S WHAT'S INSIDE THAT COUNTS!



IN PARTNERSHIP WITH

**Organ Donation**  
Northern Ireland

**HSC** Public Health  
Agency