

BILLY AND HIS BLOOD CELLS

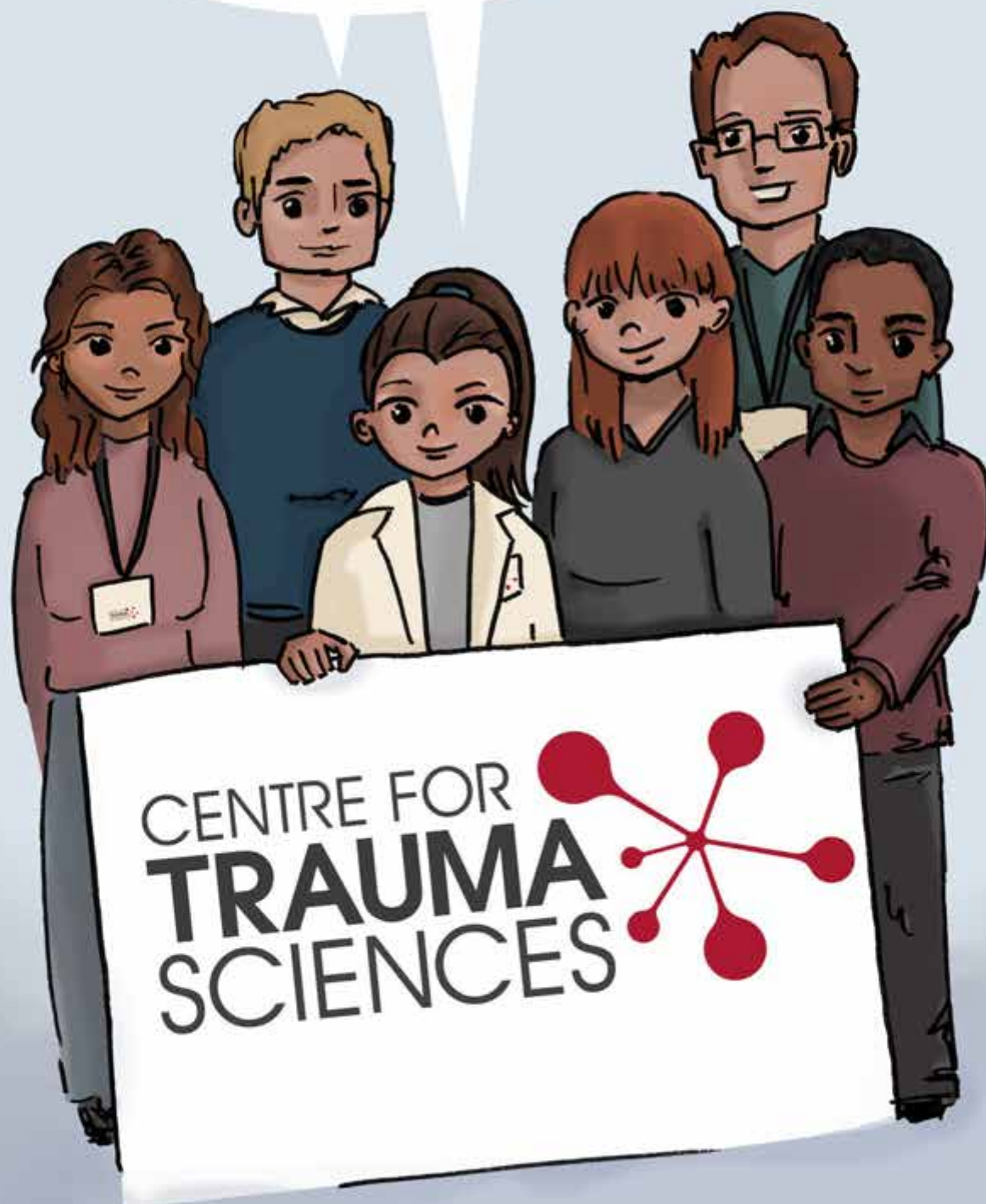
WHAT HAPPENS WHEN YOU GET HURT?



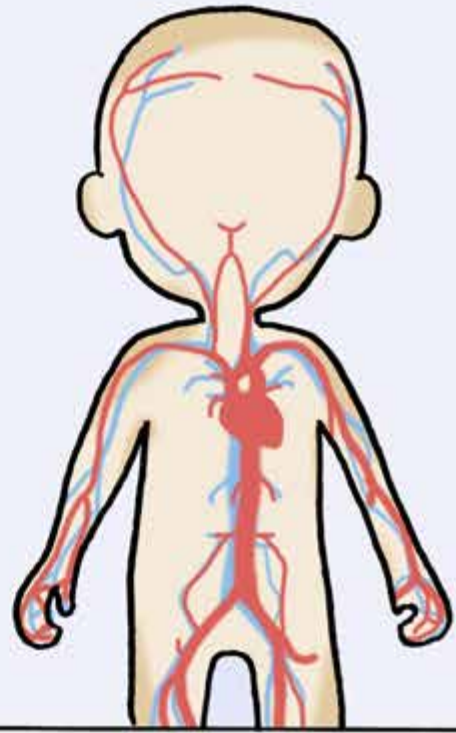
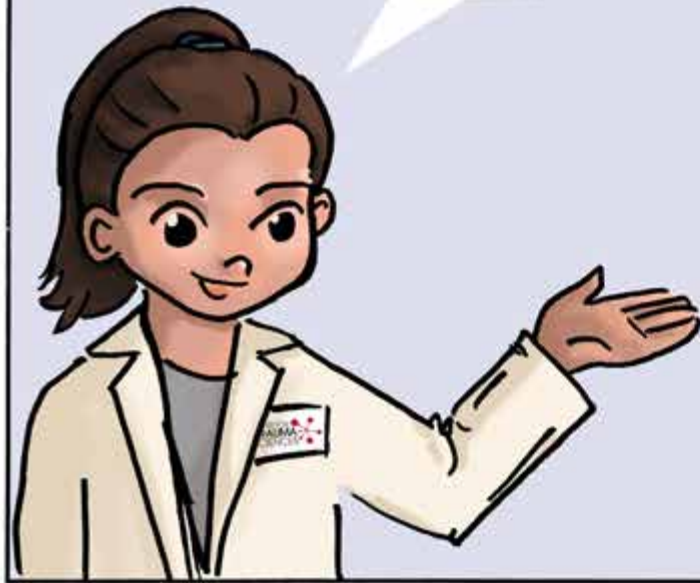
HELLO, WE'RE DOCTORS,
NURSES AND SCIENTISTS.

WE WORK AT THE CENTRE FOR
TRAUMA SCIENCES. WE LOOK AT
WHAT HAPPENS TO THE BODY
AFTER TRAUMA.

TRAUMA IS WHEN
YOU HAVE A NASTY
INJURY.



INSIDE YOUR BODY, YOU
HAVE BLOOD VESSELS.

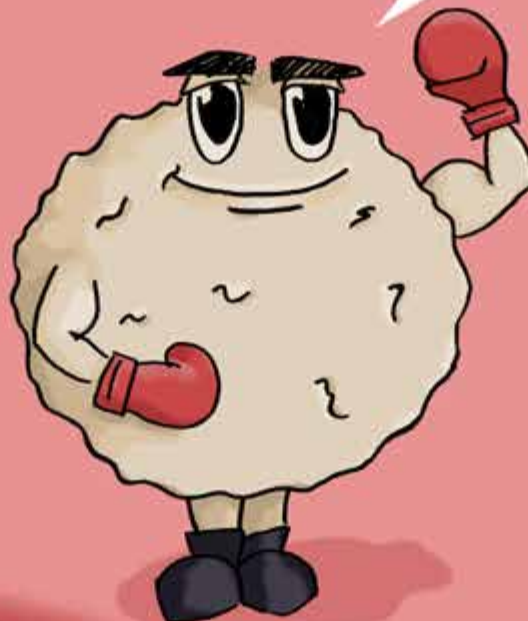


BLOOD VESSELS ARE SPECIAL TUBES THAT
CARRY BLOOD AROUND YOUR BODY.

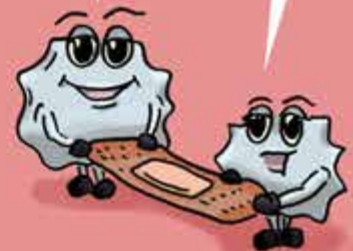
HI, I'M A RED BLOOD CELL.
I LIVE AND TRAVEL INSIDE
THESE BLOOD VESSELS. MY
JOB IS TO CARRY AND DELIVER
OXYGEN AROUND YOUR BODY.



HI, I'M A WHITE BLOOD
CELL. I STOP YOU GETTING
ILL BY FIGHTING NASTY
GERMS THAT GET INTO
YOUR BODY.



HELLO, WE'RE PLATELETS
AND OUR JOB IS TO HELP
STOP BLEEDING.



YOUR BLOOD IS MADE UP OF CELLS WITH SPECIAL JOBS TO KEEP YOU WELL. READ THE STORY
ABOUT A BOY CALLED BILLY TO SEE HOW THESE CELLS FIX YOUR BODY WHEN YOU GET HURT.

BILLY'S STORY



ONE AFTERNOON, BILLY WENT CYCLING DOWN HIS FAVOURITE HILL. BUT HE WENT TOO FAST AND...



BILLY'S HELMET PROTECTED HIS HEAD, BUT BILLY'S LEG WAS BLEEDING AND HIS ARM REALLY HURT!



BILLY'S MUM SAW THAT HIS ARM WAS BROKEN AND THE CUT WAS QUITE BIG, SO SHE DECIDED TO CALL AN AMBULANCE.



IN HOSPITAL, BILLY HAD...

AN X-RAY



A CAST PUT ON HIS ARM
TO HELP THE BONE HEAL



MEDICINE TO
STOP THE PAIN



HELP FROM SCIENTISTS WHO
TOOK A BLOOD SAMPLE

HIS CUT CLEANED

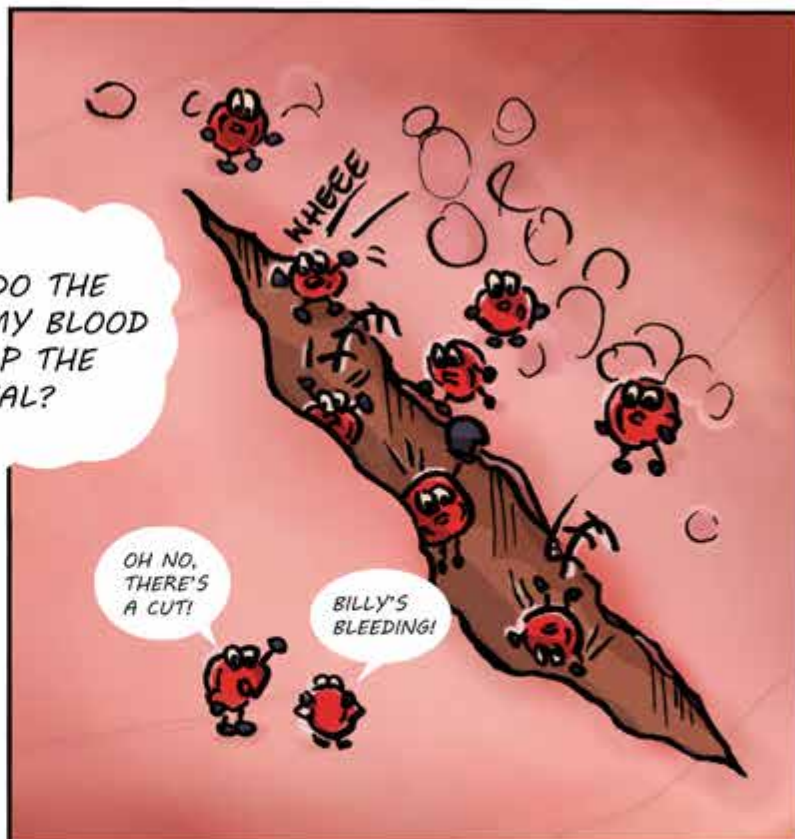


STITCHES



THE CELLS WERE ALSO WORKING HARD TO MEND THE CUT.

SO WHAT DO THE CELLS IN MY BLOOD DO TO HELP THE CUT TO HEAL?



AT FIRST, THE CUT MAY BLEED AND SOME CELLS WILL BE LOST.





MEANWHILE, DOCTORS AND SCIENTISTS LOOKED AT BILLY'S BLOOD TO UNDERSTAND WHAT HAPPENED TO HIS CELLS AFTER HE GOT HURT.



A FEW DAYS LATER, THE CELLS HAD HEALED BILLY'S CUT AND A SCAB FORMED. WHEN THE SCAB FELL OFF, BILLY'S LEG WAS ALL BETTER.



BILLY'S ARM TOOK LONGER TO GET BETTER, BUT A FEW WEEKS LATER IT WAS FIXED AND BILLY HAD THE CAST TAKEN OFF HIS ARM.



ONCE BILLY FELT WELL, HE COULD RIDE HIS BIKE AGAIN!

CAN YOU FIND ALL OF THE WORDS
FROM THE STORY BELOW?

B	U	G	V	A	Y	S	B	S	W
F	L	C	M	T	R	D	H	C	P
H	S	E	C	H	U	C	Y	I	R
G	E	T	E	D	J	L	Q	E	V
P	R	A	L	D	N	K	G	N	C
H	P	V	L	R	I	T	E	T	L
L	R	K	E	U	Y	N	S	I	T
T	R	A	U	M	A	P	G	S	B
S	E	O	H	L	S	I	D	T	M

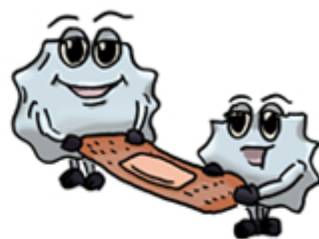
CELL

☐

TRAUMA

☐

HEAL

☐


BLEEDING

☐

INJURY

☐

SCIENTIST

☐


MATCH THE WORDS FROM THE STORY TO THEIR MEANINGS...

TRAUMA

RED
BLOOD
CELLS

PLATELETS

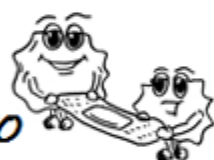
WHITE
BLOOD
CELLS

... HELP TO
STOP BLEEDING

... HELP FIGHT OFF
NASTY GERMS

... CARRY OXYGEN
AROUND YOUR BODY

... WHEN YOU HAVE
A NASTY INJURY
SUCH AS BILLY'S CUT



COLOUR IN THE PICTURES FROM THE STORY!