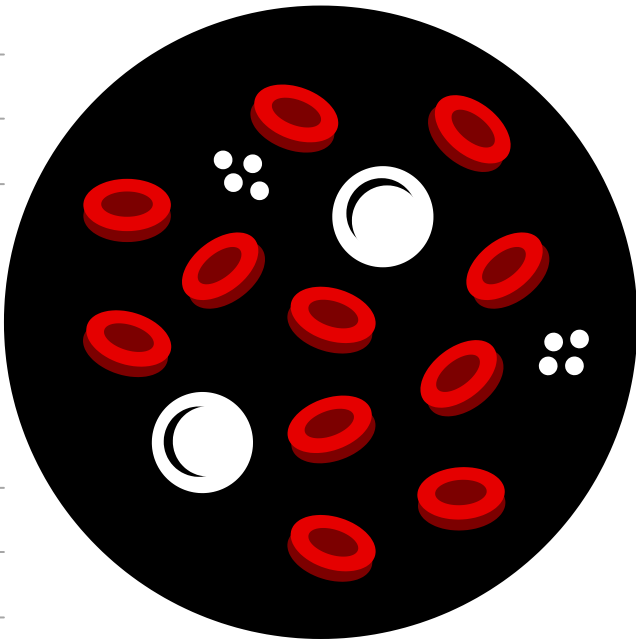




## All About Blood

1. Use arrows and labels to show the four components of blood, and what role they play.



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2. Why is blood crucial to life?

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3. Aussie James Harrison holds the world record for blood donations. He stopped donating in 2018 at 81-years-old, with 1,173 blood donations spanning over 60 years. What kind of person do you think he is?

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4. Why do you think some people are afraid of blood? Would you want to donate?

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Read about vampire bats, then answer the questions below.



There's no such thing as vampires, but these 8-centimetre long bats from Central and South America are real-life Draculas! Every night, they head out to bite farm animals with their **fangs**, then lap up the **blood** that oozes out.

They're the only mammals in the world to survive on a diet of pure blood... which, one bat expert says, should be a "terrible food source." Why? Because blood has hardly any calories, no carbs, and very little fat.

So how do vampire bats survive on blood alone? Well, scientists have compared the DNA of vampire bats with 26 other bat species, and found that 13 genes are missing or not working in the vampire bats. This has allowed them to adapt to their **diet**.

And yes, they have been known to feast on human blood as well. Best to sleep inside when you're in vampire bat country!

5. Based on what you read above, do you think vampire bats can kill humans? Why/why not?

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6. How would you describe a vampire bat to someone who is blind?

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7. Each of the bolded nouns needs an adjective in front of it, to spice up the writing!

\_\_\_\_\_ fangs      \_\_\_\_\_ blood      \_\_\_\_\_ diet