



Tough Enough?

1. What is the scientific word used for animals that survive in tough conditions?

- Tardigrades
- Extremophiles
- Indestructible

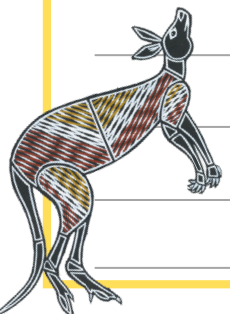


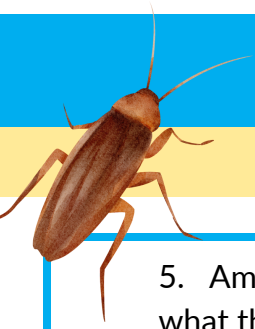
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2. Why might Aboriginal people only drink water from the Eastern water-holding frog in rare situations, and how could this help the environment?

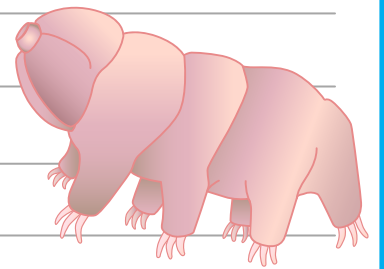
3. Think about what you know about early explorers in Australia: their preparation and the challenges they encountered. Why do you think the European saved by a water-holding frog might have found himself dying of thirst?

4. Why do you think the Aboriginal community knew about the water-holding frog, and the explorer didn't? What can visitors learn from First Nations' people's knowledge of the country they live in?

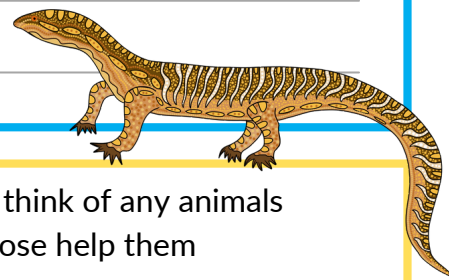




5. Amanda said that tardigrades were "practically indestructible". Summarise what they **can** handle, and explain the one surprising thing that might actually endanger them. Why do you think that's surprising?



6. Why do you think studying animals that can tough out extreme heat, cold, and drought, could benefit humans? Can you think of any ways this could help us with challenges we face in the world today?



7. Explain in your own words what an animal adaptation is.. Can you think of any animals you've learned about that have special adaptations, and how might those help them survive?

