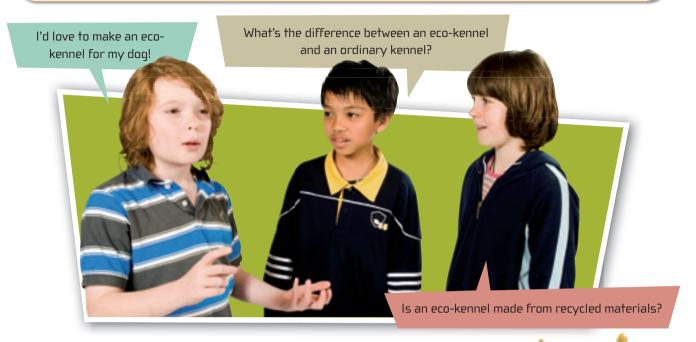
## An Eco-kennel

You need

- ★ access to relevant books and/or the Internet (optional)
- ★ a computer design program (optional)
- 🛕 a classmate



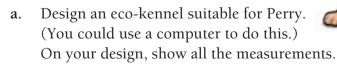
## **Activity**

With a classmate:

1. Discuss what materials would be suitable for recycling or reusing in your eco-kennel.

2.

Tom's dog is a fox terrier called Perry. His measurements in centimetres are 45 x 30 x 20.



- **b.** What is the approximate volume of Perry's kennel?
- 3.) Mike's dog, Tosh, is a Labrador. He needs an eco-kennel that is 50% longer, 20% higher, and 20% wider than Perry's kennel. What will the dimensions of Tosh's kennel be?
- 4.) Tom says Tosh's kennel will be twice the size of Perry's. Is he correct? Explain your reasoning.

**Focus** 

Working with appropriate measurements