

# Swing time

Can you control time? See if it is possible by following these pendulum experiments.

1. Make a simple pendulum by tying a weight to the end of a piece of string.
2. Fix the other end of the string to a piece of thick card using a bulldog clip.
3. Hold the card and time how long it takes for the pendulum to swing 10 times, 20 times, 30 times and 50 times. Record your results and look for patterns.
4. Experiment with your pendulum by changing the width of the swing. How does this affect the timing?
5. What happens if you change the length of the string or change the heaviness of the weight?

