

Remembering the Sydney 2000 Olympic Games

Cathy Freeman: Track and Field

A Teaching and Learning Resource

Cathy Freeman was born in Mackay in Queensland in 1973. She is best known for achievements on the track in running and sprinting, with her highlight winning the 400m Gold Medal at the 2000 Sydney Olympics.

From an early age, Cathy Freeman dreamt of being an Olympian and raced for the first time at 8 years of age. She won scholarships to the Queensland schools of Fairholme College and Kooralbyn International School where she was able to be attain professional coaching in athletics.

In 1990, Cathy Freeman won her first Commonwealth Gold Medal in the 4 x 100 metres relay time. In the 1994 Commonwealth Games, she won the 200 and 400 metre Gold Medals. At the 1996 Atlanta Olympics, Cathy won a Silver Medal.

The highlight for Cathy Freeman was the honour to light the Olympic Flame at the Sydney 2000 Olympics. It was at these same games, she fulfilled her childhood dreams by winning Gold in the 400-metre race. The huge crowd in attendance along with the entire nation went into an enthusiastic applause at this great achievement. In her victory lap, she carried both the Australian and Aboriginal Flags.



Source: <http://www.50yearjourney.aiatsis.gov.au/stage6/item6.htm>

Teaching Learning Activities

A. The Sydney Olympic Crowd

A crowd of 100,000 people watched Cathy Freeman win Gold in the 400-metre race at the Sydney Olympic Games. The crowd attendance consisted of the following people:

- 35% from Australia and Oceania
- 25% from Other Commonwealth Nations
- 10% from North America
- 15% from Europe
- 10% from Asia
- 5% from Other Nations

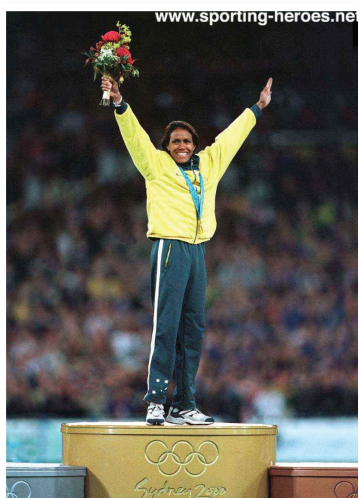
Construct a pie graph using the above figures (remember $1\% = 3.6^\circ$). Use a suitable title for your graph.

B. The Sydney Olympics Gold Medal



Cathy Freeman's Gold Medal Sydney 2000 Olympic Games. Source: smh.com.au

- a) Assume the radius of Cathy's Gold Medal is 5 cm, what is the surface area of her medal?



Cathy Freeman's platform presentation at the Sydney 2000 Olympic Games.
Source: www.sporting-heroes.net

- b) What is the area of the platform if it measures 100 cm long, 70 cm wide and 60 cm high?