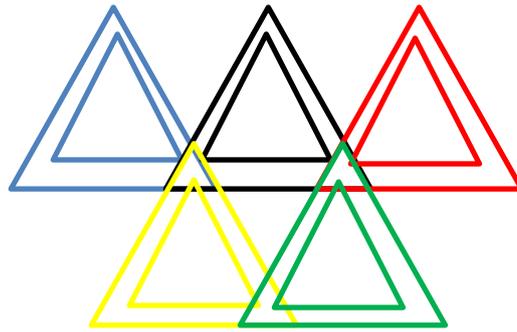


## Wildlife Olympics



So, here we are for the Wildlife Olympics. It's humans verses wildlife for the medals.

**Sprints: Human - 10.4 metres per second.**

**Dromedary Camel - 9.8 metres per second**

**Cheetah - 29 metres per second.**

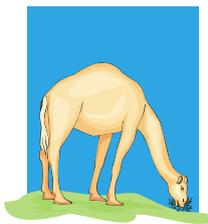
**Pronghorn Antelope - 24.6 metres per second**

**Racehorse - 19.4 mps**

**Greyhound - 19.1 mps**



1. Will we get a medal?
2. Which animals will get gold, silver and bronze?
3. Draw a block graph to show how the competitors performed.



Here are the training figures for our human athlete. Draw a line graph to show the progress the athlete is making.

<u>Event</u>	<u>Time</u>	<u>Progress</u>
1	11.90	
2	9.90	
3	9.80	
4	9.80	
5	9.75	

**Flying speed: (We can't fly, so we don't even qualify for this event!)**

**Peregrine falcon - 259 km/h**

**Spur-winged goose - 142 km/h**

**Spine-tailed swift - 171 km/h**

**Frigate bird - 153 km/h**

**Red-breasted merganser - 129 km/h**



1. What is the range of speeds between these Olympic finalists?
2. What is the mean of the speeds? (Round it to whole numbers.)
3. What is the median of the speeds?
4. Who gets a) gold b) silver c) bronze?

**Marathon: Not so much the speed, but the distance and endurance.**

**Human marathon - 26 miles non-stop in the Olympic marathon.**

**Arctic Tern - 30,000 miles from Arctic to Antarctic every year.**

**Camel - 479 miles in 18 hours, non-stop!**

**Salmon - 2000 miles from ocean to rivers.**

**European eels - 3,700 miles from Sargasso Sea to our rivers.**

**Grey Whale - 10,000 miles from warm calving grounds to cold feeding grounds each year.**

1. Who gets the gold, silver and bronze?
2. How far are we from a bronze medal?



Diving: Free-diving is a form of underwater diving that does not involve the use of scuba gear or other external breathing devices, but relies on a diver's ability to hold his or her breath until resurfacing.

Humans: 273 metres - ( Goran Čolak 2011-10-16 Lignano, Italy. Dynamic Apnea With Fins Men.)

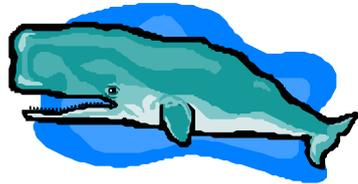
Sperm Whale - 1609 metres

Bottle-nosed Whale - 1524 metres

Emperor Penguin - 539 metres

Puffins - 49 metres

Long-tailed ducks - 40 metres



1. What position do we lie in? Do we get a medal?
2. How much deeper can a sperm whale dive than we can?
3. What is the range of dives?
4. What is the mean dive?

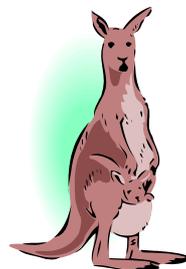
Long Jumping:

Human - 8.91 metres

Kangaroo: 9.14 m.

White-tailed deer - 9.00 m.

Tiger - 10 m.



Cricket Frog - 1.52 m. (But remember that this measurement is more than 60 times its body-length. A 6ft man would need to leap 109.72 metres to equal that!)

High Jump:

Humans - 2.45 metres

Red Kangaroo - 3.048 m.

White-tailed deer - 2.59 m.

Tiger - 5 m.



Springbok – 3 m.

Snakehead Fish – 4 m.

Spittlebug - 1828.8 m. (If it was scaled up to the size of a kangaroo or person!)

1. Should we get a medal in the long jump?
2. Which animal is *really* the long jump champion of the world?
3. Which animal wins the high jump gold medal?
4. How much farther can a kangaroo long-jump than a man?
5. How much higher than a man can a kangaroo jump?
6. In what position are we in the high jump?

### Weight-lifting:

Humans: Snatch – 214kg. /Clean and Jerk – 263 kg.

African Elephant – 1000kg. (with its trunk.)

Rhinoceros Beetle – 1700g. (But this little beetle can carry 850 times its own body weight. The elephant can only carry 1/4 of its body weight, so it isn't even close in this contest!)

1. The average weight of a person in Europe is 71 kg. To lift 850 times his own weight, how much would a weightlifter have to lift above his/her head?
2. Talking of weight ..... Look at the table below of average weights of people from around the world.

Region	Average Weight	% Overweight
Africa	61kg.	29
Asia	58kg.	24
Europe	71kg.	56
S. America	68kg.	58
N. America	81kg.	74
Oceania	74kg.	63
World Ave.	62kg.	35

[http://en.wikipedia.org/wiki/Body\\_weight](http://en.wikipedia.org/wiki/Body_weight)

3. Draw a vertical block graph to show the average weight of people for each continent.
4. Draw a horizontal bar graph to show the % overweight for each continent.
5. What does that tell us about our lifestyle? (Will this make you more determined to get fitter and stronger?)
6. What do you think of our abilities compared to the rest of the animal kingdom?