

Can You Do it Too?

Here are some pictures of people throwing things in Olympic events.

The first one shows a man throwing a hammer and the second shows a man throwing a discus.



They can throw them a long way. A recent Olympic record for throwing the hammer was about 80 adult paces and for throwing the discus was about 70 adult paces.

How far can you throw a beanbag/ball?

Can you throw a beanbag 70 paces?

Can you throw a beanbag 80 paces?

Now and Then

In 1908 the Olympic Games were held in London, that's just over 100 years ago. Then, just after World War 2 they were again in London in 1948.

Here are the results from some track events;

1908	1948
100 metres 10.8 secs	100 metres 10.3 secs
200 metres 22.6 secs	200 metres 21.1 secs
400 metres 50.0 secs	400 metres 46.2 secs
800 metres 112 secs	800 metres 109 secs
1500 metres 240 secs	1500 metres 229 secs

The 2012 London Olympics were another 64 years later.

Using the information above predict the fastest results on each track event in the London 2012 Olympics.

Some questions to get you started

How far is 100m? 200m?

Can you imagine or measure this distance?

How long would it take you to run this distance?

How far could you run in 10 sec, 20 sec?

After you have predicted the results use <https://www.olympic.org/olympic-results> to see if your predictions are correct!

Olympic Starters

This is the start of the 100 metres in 1896. In that year Thomas Burke from the USA won the race in 12 seconds.

I wonder how far you could run in 12 seconds.

You and your family could use a stop watch and then measure how far you ran



This is the finish of the 200 metres in 1924. Jackson Scholz from USA won that race in just over 21 seconds.

I wonder if you could run the 100 metres in that time?

Or you could see how far you could run in 22 seconds.

This is the high jump in 1906. It shows Ray Ewry from the United States.

He jumped 1 metre 56 centimetres.

How high can you jump?

See how high 1 metre 56 centimetres is.

Can you find someone who can jump that high?



Olympic Turns

Here are some photos of some Olympic sports that involve turns and angles in different ways. Explore your favourite photo and see what angles you can see.

Can you estimate them?

Can you measure them for angles and turns?

How do the athletes or players use angles to succeed in their sport?



Here is a link to the Olympic website: <https://www.olympic.org/sports>. There are lots of resources here including photos, images and video clips that show turns and angles in different ways. Explore your favourite Olympic event for angles and turns.

Opening Patterns

Here are some photographs taken at the Opening Ceremony of the Olympic Games in Beijing. Have a look at all the images and see what shapes and patterns you can find. Clicking on a picture will enlarge it.

Some of the pictures show lots and lots of people in lines, or squares, or circles.
Can you (and lots of your friends!) make shapes like these?
Can you plan your own opening ceremony?

