Maths on the Move!

Choose your challenge from the options below:

Junior Park Run Investigation

Park Run Investigation

London Marathon Investigation
Maths on the Move: Junior Parkrun Investigation Project

On 5th April 2010, nine children with a group of parents and volunteers walked or jogged around a 2km route in London’s Bushy Park.

On 24th November 2013, Southampton junior parkrun became the first weekly event to launch where ninety children took part.

Junior parkruns now take place all over the world.

What can you find out about junior parkruns? What do you wonder and want to know? Here are some ideas to get you started:

- How has the junior parkrun changed over the years? Where are UK junior parkruns held? Who can take part? Why do you think they not held on the same day as parkruns?
- What are the health benefits of taking part in junior parkruns? What participation rewards are available? Who can volunteer to help at junior parkruns?
- Who founded the junior parkrun? If you could travel to a destination anywhere in the world, to take part in an existing junior parkrun, where would you go and why?
- Estimate how long it would take you to travel 2km – would you run, jog, skip, walk or something else? How many steps do you think you would take? What would you wear and why?
- Which is the closest junior parkrun location to where you live? Which is the furthest away? Try to design your own 2km course – what features must it have to be a junior parkrun?

Choose how to present your investigation - descriptive writing, graphs or tables, models, images or drawing, video clips etc. The more interesting and exciting for your audience, the better!
Maths on the Move: Parkrun Investigation Project

The very first parkrun (then known as time trial) took place on 2nd October 2004 in Bushy Park, Teddington in London. 13 runners took part along with three volunteers, a stopwatch, some washers as finish tokens and a pen and paper. On Christmas Day in 2019, at Bushy Park, a record number of 2545 people took part.

parkruns now take place all over the world, still based on the basic principles formed at the start: weekly, free, 5km and for everyone.

What can you find out about parkruns? What do you wonder and want to know? Here are some ideas to get you started:

How has the parkrun changed over the years? Finish times, number of entrants, volunteer roles involved, use of technology, locations...

Who founded the parkrun? Where else in the world can you enter a parkrun? Why do average finish times vary? Which country has the hottest and coldest parkrun locations?

If you ran or walked 5km from your house, where could you end up? How many steps would you take? How long would it take you to finish? Would you travel at the same speed?

Which organisations are partnered with parkrun and why? What are the costs involved in taking part in a parkrun (travel/kit)? What milestone rewards are available?

What records are associated with the parkrun? If you were a parkrun tourist, visiting A-Z of named locations, where would you go and in which order to take the shortest route?

Choose how to present your investigation - descriptive writing, graphs or tables, models, images or drawing, video clips etc. The more interesting and exciting for your audience, the better!
The very first London Marathon took place on 29th March 1981. 7,741 places were accepted from around 20,000 entrants and there were 6,255 finishers – only 300 were women.

The next year, in 1982, there were more than 90,000 applicants from all around the world but entry was limited to 18,059.

The 2020 London marathon was due to take place on Sunday 26th April but has now been rescheduled to Sunday 4th October – this will be the 40th race. What can you find out about the London Marathon? What do you wonder and want to know? Here are some ideas to get you started:

Choose how to present your investigation - descriptive writing, graphs or tables, models, images or drawing, video clips etc. The more interesting and exciting for your audience, the better!