

# Knowle CE Primary Academy Curriculum Highlights



25/6/21

## Can taller children jump further?

This week, children have been combining their PE talents with their maths and science work, as all children in school have completed a scientific enquiry, investigating whether taller children can jump further.

It was lovely to see how each year group approached this enquiry and to see how measurements and the presentation of results became progressively more challenging in older year groups. Indeed, our youngest children were able to make excellent scientific observations before reaching their own conclusions. In Year Six, children each completed three jumps, calculated the mean distance jumped and presented their findings in scatter graphs.

We are very proud of the way all pupils approached this enquiry. All children were able to share their initial thoughts before making predictions linked to their scientific knowledge. In each year group, children discussed how they were going to ensure fair testing and children enjoyed taking careful measurements before analysing their results.



## What did we find out?

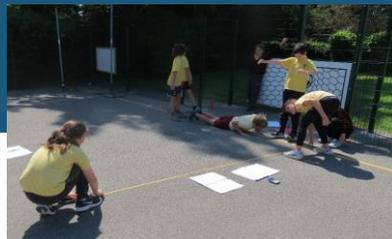
Before carrying out their investigation, Reception children predicted 'not all taller people can jump further'. Connie commented 'No, it's how well you can jump' that matters and Mia explained that 'grown-ups can't jump as far as children!'



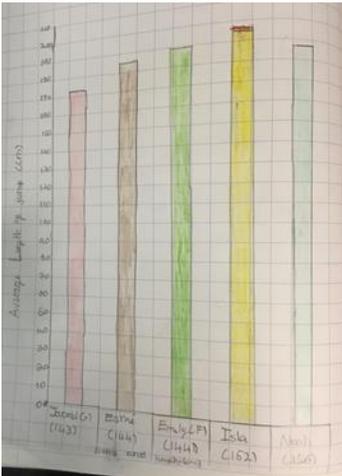
Reception reflected on their results with their teachers:

We found out that it didn't matter how tall we were; it was all about our jumping skills. As you can see from our line here, we stood in order of how far we could jump and our heights went up and down. This result is as we predicted. We wanted to test the jumping with everyone to make it fair.

Children in Y2 and Y4 show off their jumping skills above. Children in Y6 took extra care when taking their measurements, as you can see from their meticulous approach below.



## ...What did we find out?

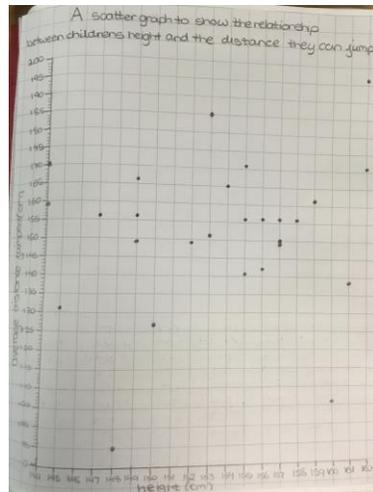


Isla (Y4) interpreted her bar graph: On the whole, our class data shows that being taller does mean you can jump further, but this is not always the case



Molly (3S) presented her findings in a pictogram and concluded: not all people who are taller can always jump further. We repeated the investigation 3 times to make sure the results were reliable. This is called 'repeatability'.

Katie (Y6) concluded that 'there is no substantial correlation between the height of children and how high they can jump.'



After completing his own scatter graph, Sam (5N) found no correlation between height and distance jumped. Sam concluded 'a smaller person could have more leg power'.

## Congratulations, Year One!



Y1's very talented gymnasts

We are delighted to announce that our Year One children are silver place winners, coming second out of all the schools that took part in the Intra-School Virtual Gymnastics Competition.



Over the past couple of weeks, Year 3 have been dying and sewing t-shirts as part of their art lessons. The children are looking forward to being able to take them home to wear and show off what they have created. The Year 3 team look forward to seeing some of the children's designs in shops in the future!



## Well done, Year Four!

A special well done to Y4 who have completed their Multiplication Tables Check this week. We are very proud of the effort and determination Y4 have put in to learning their times tables.

