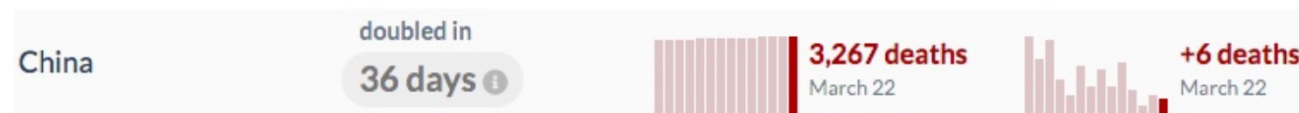


CORONAVIRUS 22/3/20 PASSING THE PEAK

Time taken for the number
of total confirmed deaths
to double

Total confirmed deaths to
March 22

Daily new confirmed
deaths



This is not an activity to do on your own. The suggested plan is that you take the discussion points one by one, perhaps one a week, and discuss them at home with the whole family for about 30 minutes. You might look at <https://ourworldindata.org/coronavirus> for the latest statistics.

There is an end in sight to this bad news in some countries. We need to look at the graphs for positive signs.

Discussion Point 1: Why do these graphs tell us that the news is not all bad? You had the clue last week in <https://aiminghigh.aimssec.ac.za/coronavirus-13-3-2020> when we asked what was different about the graphs for China and South Korea from the graphs for other countries. What do the graphs above show?

Discussion Point 2: It is 3 months since the first known cases of coronavirus in China and now there are comparatively few deaths each day. What is the mean number of deaths per day in China over the whole 3-month period?

Discussion Point 3: We know that China has a population of over 1,400 million, which is more than 20 times the population of the UK, and more than 24 times the population of South Africa. Can we deduce that there is a good chance that there will not be so many deaths in South Africa and the UK? What about your country?

Discussion Point 4: If we assume that the pandemic will follow the same pattern in other countries as in China and South Korea, then can we deduce that in 3 months the worst will be over and there will be weeks in other countries without any deaths due to coronavirus? What about your country?

HELP

There have been a total of 3267 deaths in China due to the coronavirus in 90 days. What is the mean number per day? Is the number of deaths per day in China going up or down?

NEXT	Population (nearest million)	Deaths due to coronavirus per day on March 22 2020	Deaths on the road per day	Deaths on the road per day per million people	For a person chosen at random give the probability that s/he will die in a road accident in a
CHINA	1439	6	175		
SOUTH AFRICA	68	0	40		
UK	53	56	5		

How do the number of deaths due to the corona virus compare to the statistics for deaths due to traffic accidents? Copy, complete and comment on the data given in the following table. What about your country?