

Zoo math – we will be covering each problem on a different day

For your final artifact you need to include your mathematical thoughts and communication for any of the four.

Your communication should be organized and include pictures, numbers, words and research (internet, print, or primary data)

Day 1 – Measurement/Number Sense/Data Management

How many steps did we take in our initial walk?

How long were we walking?

How many metres or km did we cover?

Extrapolate over a day at the zoo (how much distance we could cover over several different hours)

Day 2 – Number Sense

How much is zoo admission?

Average number of people who visit the zoo a day

What do you think the zoo brings in in an average year?

How could they increase the money they bring in?

Bonus – find out zoo admission/average attendance/total revenue of another zoo in the world

Day 3 - Measurement

Make an estimate of the perimeter and area of at least two different areas in the zoo

Try and find out the average perimeter and area of different animal enclosures (and no, you do NOT try and get into an enclosure to measure!)

Bonus – compare the perimeter/area of some areas at the zoo with some areas in your own home or school

Day 4- Data Management

Study and refer to the zoo's financial report. Make some data analysis

http://www.torontozoo.com/pdfs/Toronto_Zoo_2012_Annual_Report.pdf