

Page 119 - Activity 3

a) <https://www.youtube.com/watch?v=mng2RJRAMUU>

- I. Using your own words define "stratified sampling"
- II. We have a population with 570 students in 3<sup>rd</sup> and 4<sup>th</sup> ESO and we want a stratified sample of 60 students.

	Girls	Boys
3 <sup>rd</sup> ESO	164	142
4 <sup>th</sup> ESO	126	138

How many students of each category should be in the sample?

b) <https://www.youtube.com/watch?v=coPe51-WhY8>

- I. What is the difference between "biased sampling" and "unbiased sampling"?
- II. Which should you use? Why?
- III. Which survey is the "biased sampling", the first or the second? why?
- IV. Which survey is the "unbiased sampling", the first or the second? why?