

# Republic of the Philippines Department of Education

REGION IV-A CALABARZON GATE 2, KARANGALAN VILLAGE 1900 CAINTA, RIZAL



July 9, 2020

### Regional Memorandum

### MAPPING OF LEARNERS USING THE LEARNER CONCENTRATION MAP

### To Schools Division Superintendents

- In support of the PIVOT-Basic Education Learning Continuity Plan, schools are advised to prepare the Learner Concentration Map using the data of school year 2019-2020. The map should illustrate accurate data on learner dispersion in a specific catchment area.
- 2. The Learner Concentration Map will serve as a guide for the schools and Division Offices in strategizing the distribution of Learning Materials for this coming school year and as support to other plans related to the BE-LCP.
- Please refer to the attached step by step guide on how to prepare the Learner Concentration Map.
- 4. Immediate dissemination and compliance to this Memorandum is desired.

WILFREDO E. CABRAL Regional Director

pprd/adrian



Document Inquiry: https://r4a-teadoc.com/inquire

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# STEP BY STEP GUIDE ON HOW TO PREPARE 'LEARNER CONCENTRATION MAP' (USING SY 2019-2020 LIS DATA)

Prepared by:

Policy, Planning and Research Division July 4, 2020

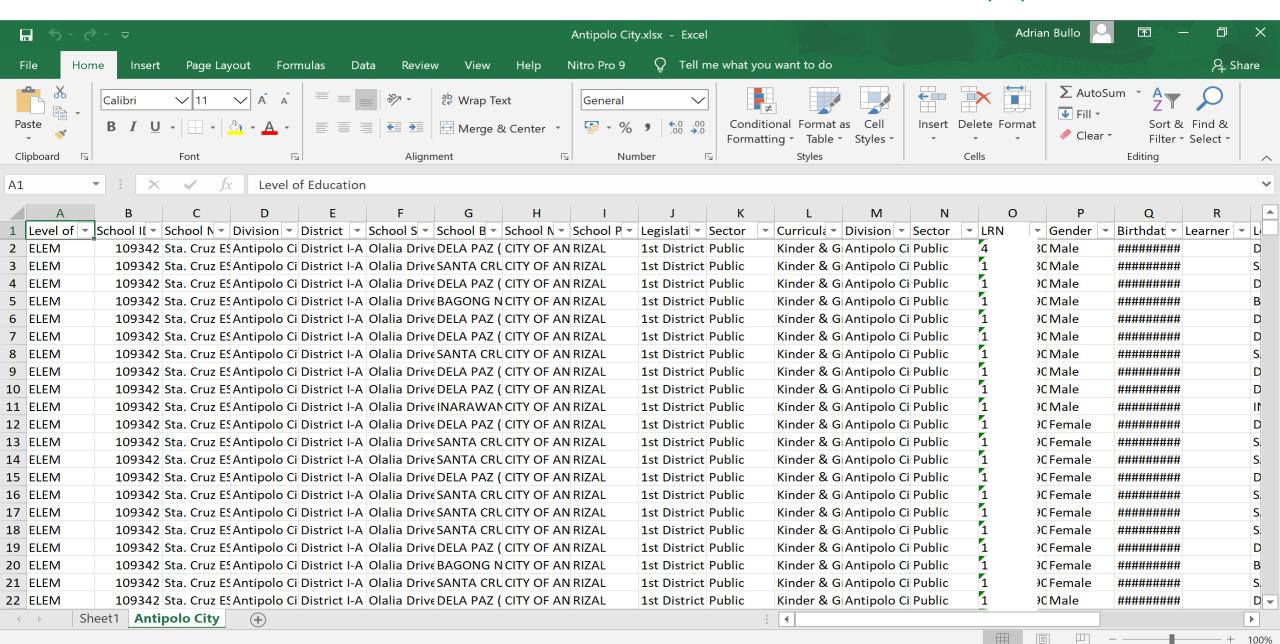


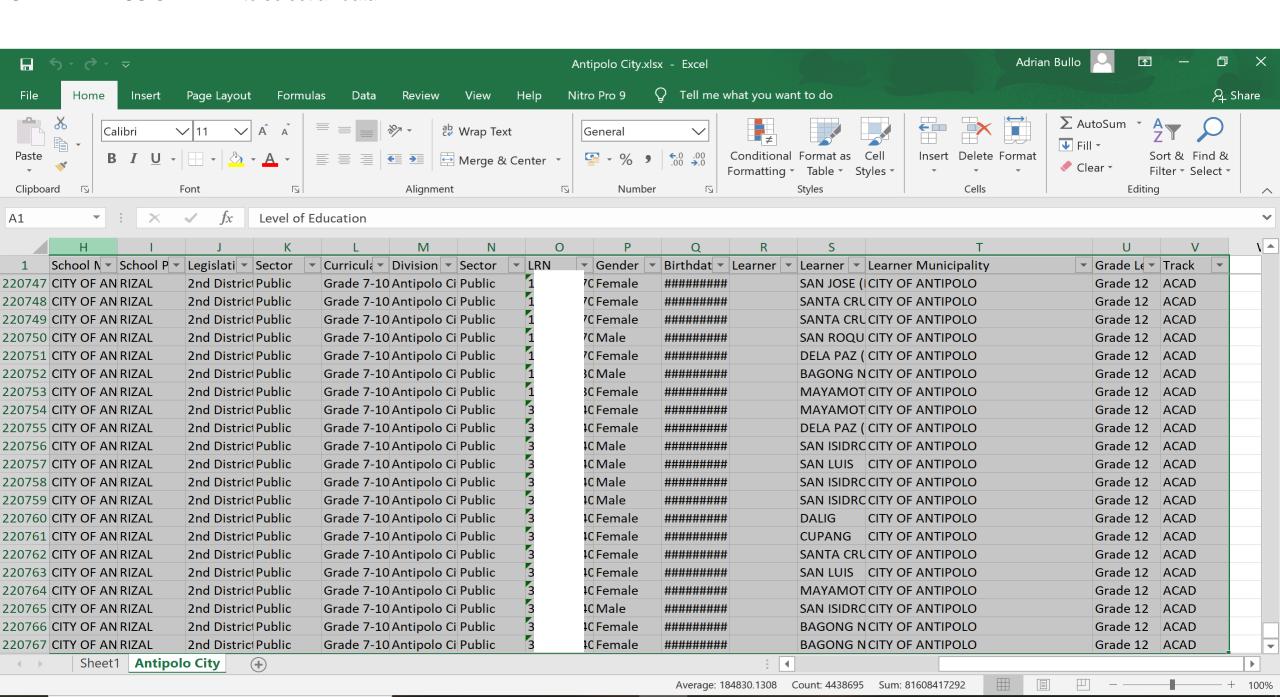


# I. EXTRACT SCHOOL'S DATA IN THE RAW FILE USING MS EXCEL

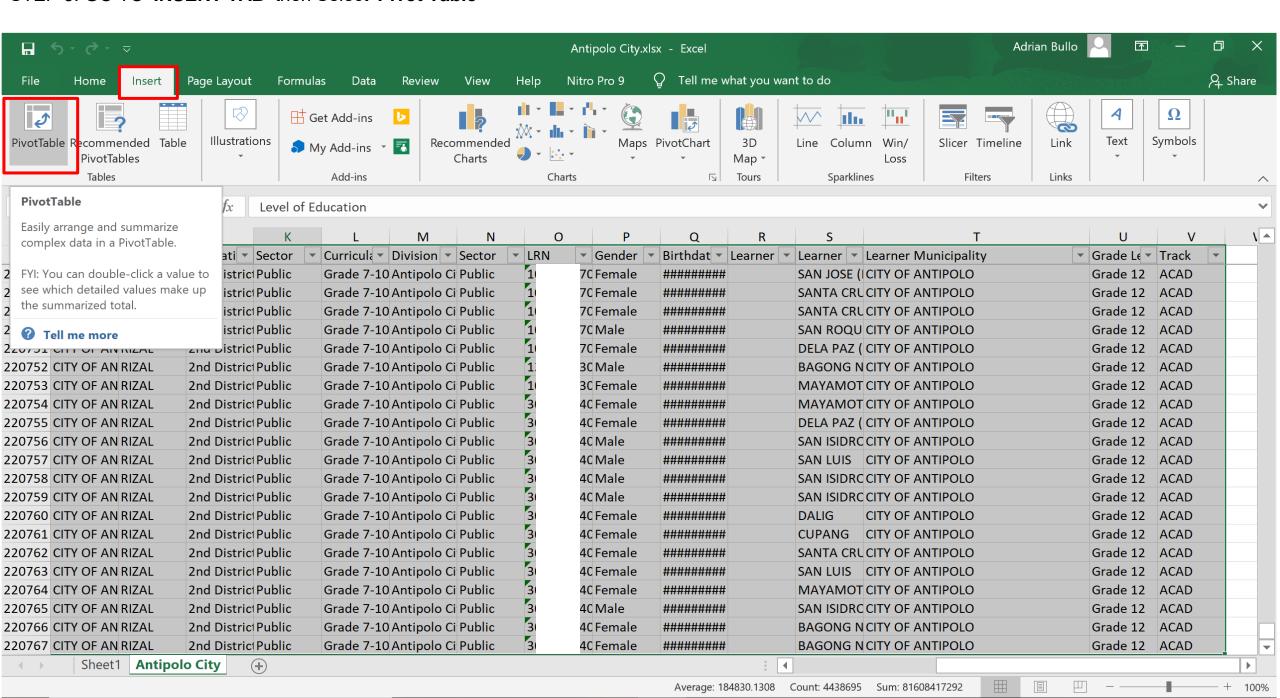


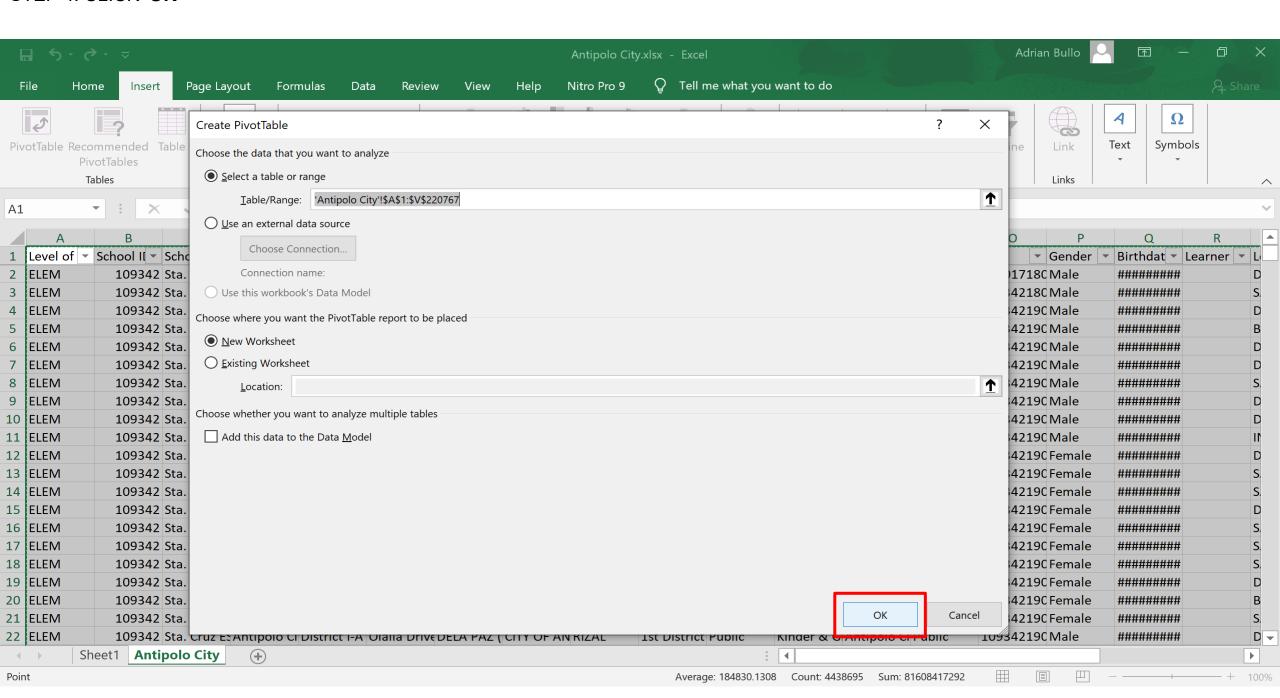
# THE RAW FILE IS OUR LEARNERS FILE GENERATED FROM LEARNER INFORMATION SYSTEM (LIS) SY 2019-2020



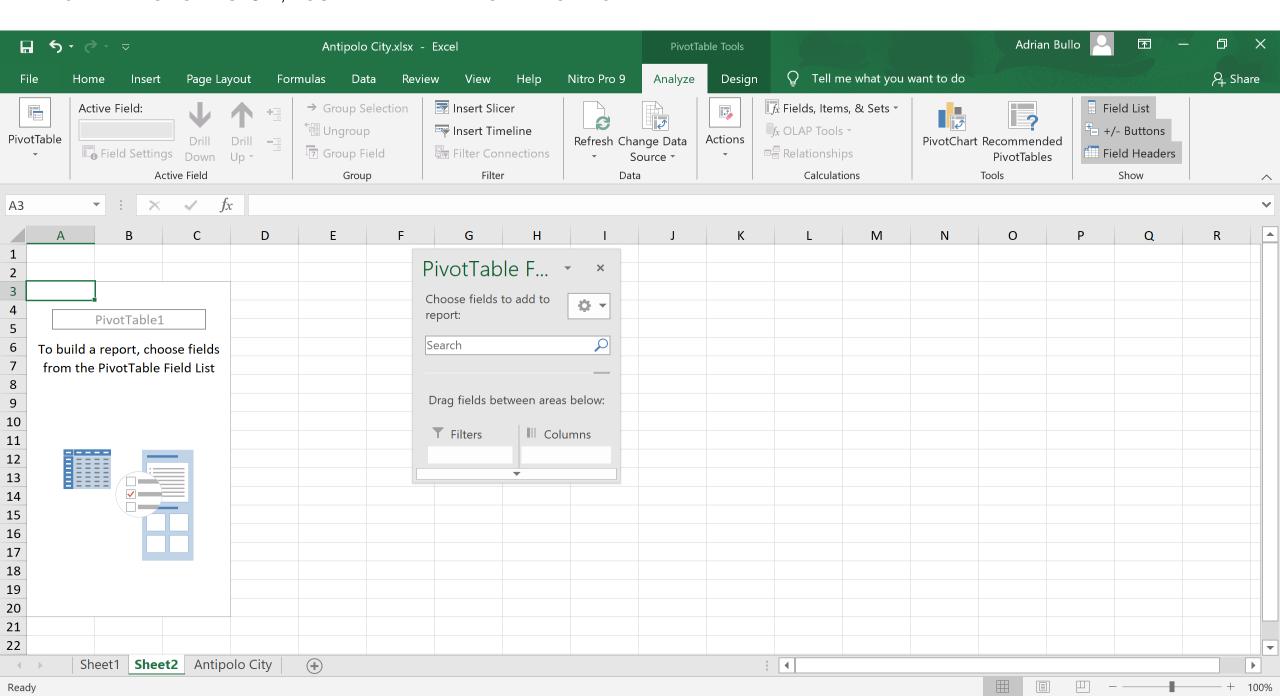


STEP 3: GO TO 'INSERT TAB' then Select 'Pivot Table

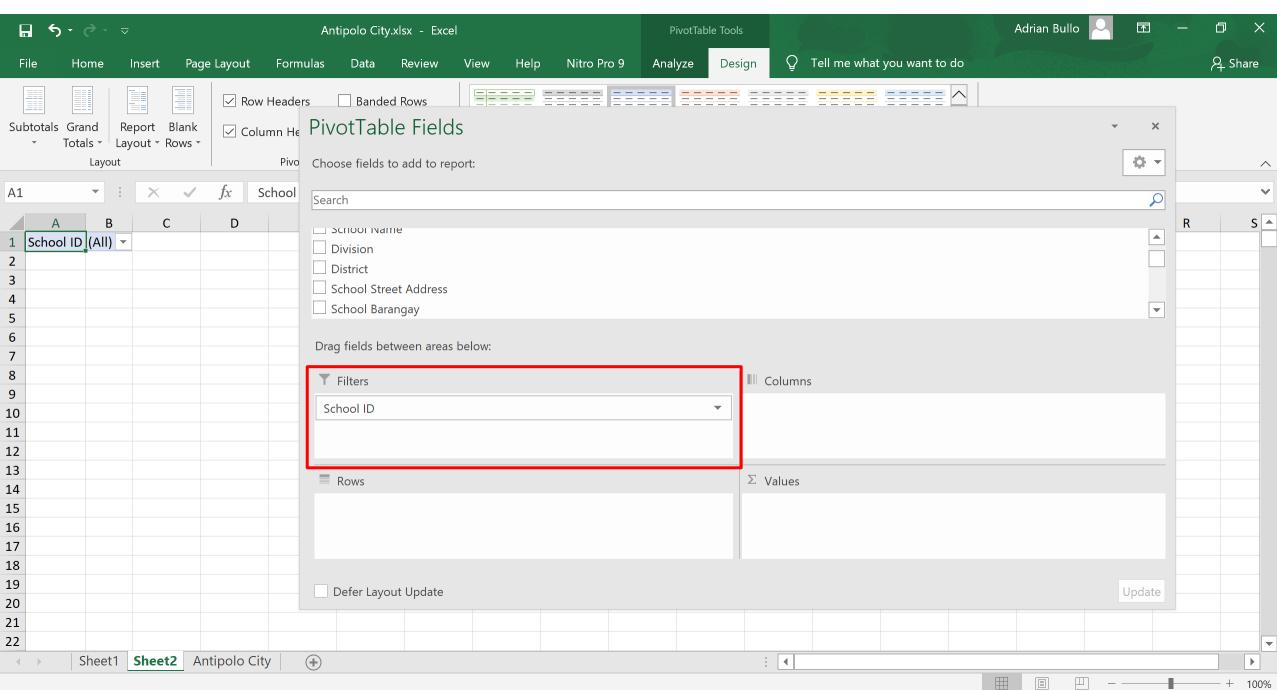




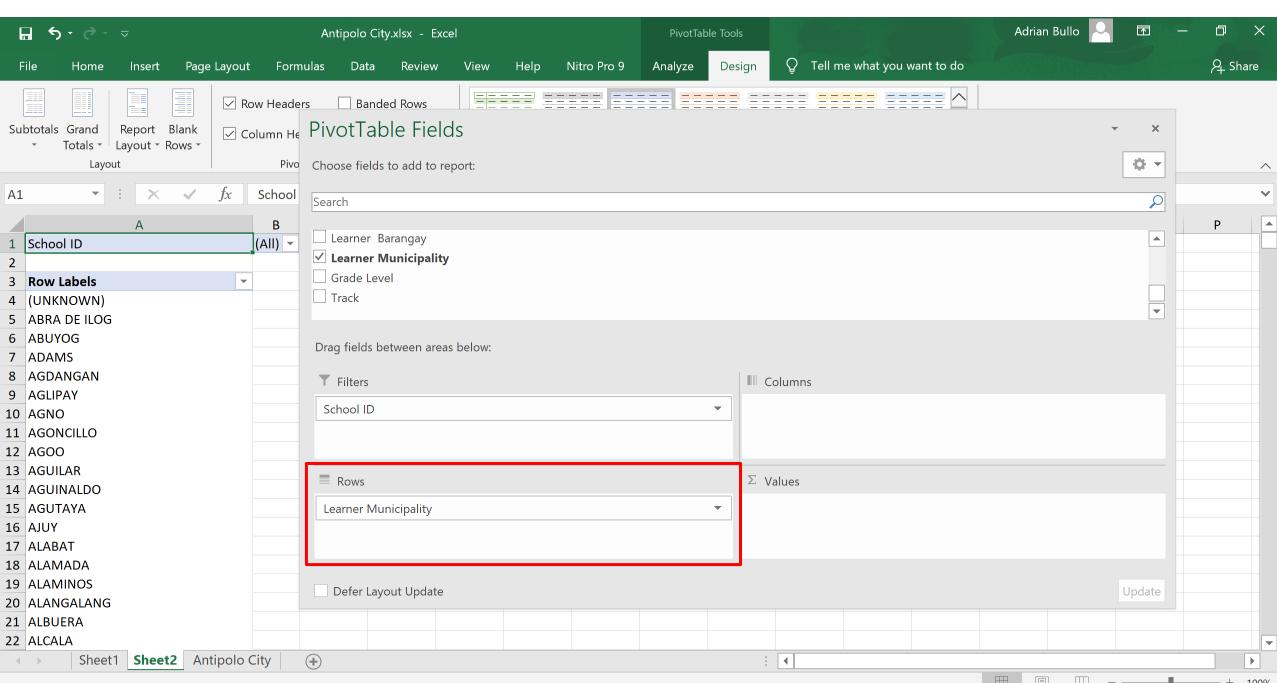
# STEP 5: AFTER CLICKING 'OK', YOU WILL BE REDIRECTED TO ANOTHER SHEET



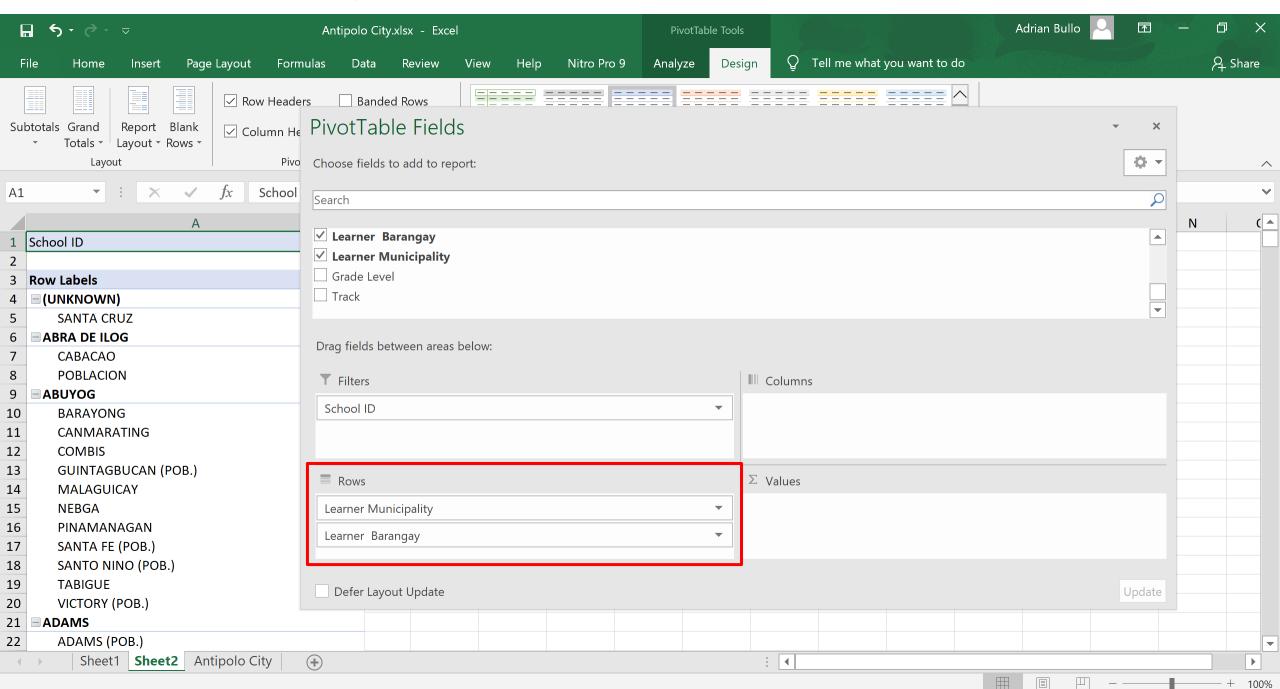
STEP 6: DRAG & DROP 'School ID' INTO 'Filters' QUADRANT



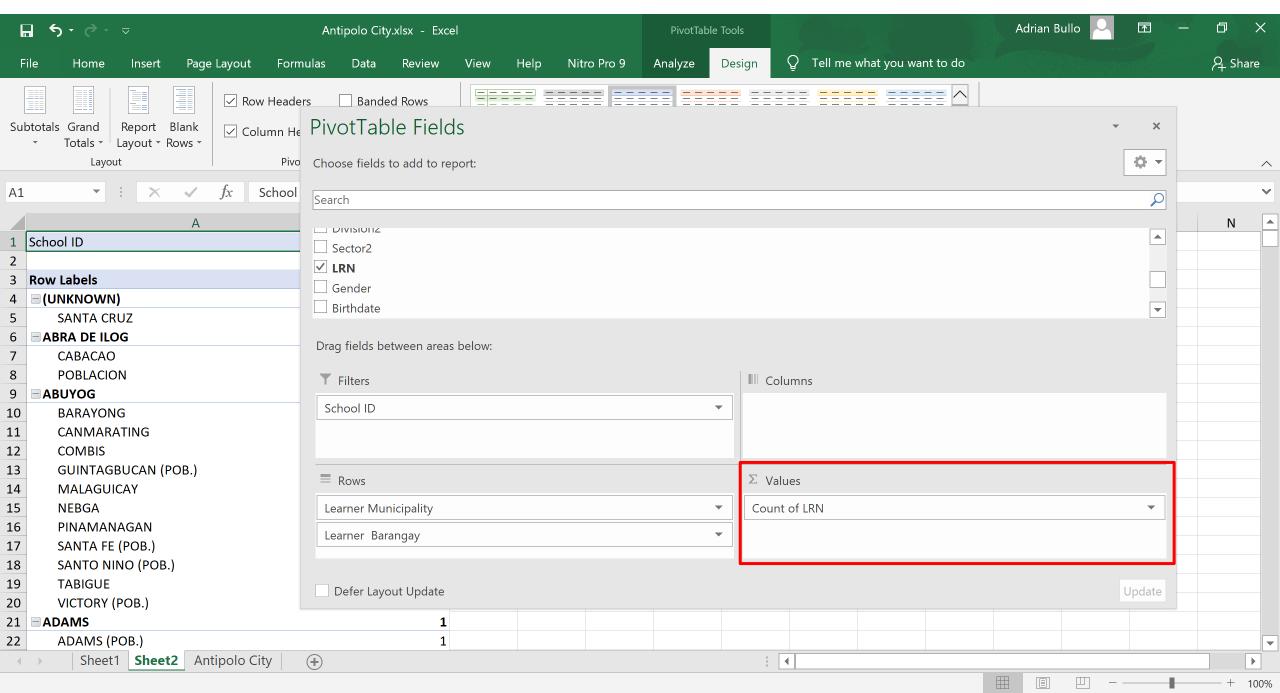
STEP 7: DRAG & DROP 'Learner Municipality' 'Rows' QUADRANT



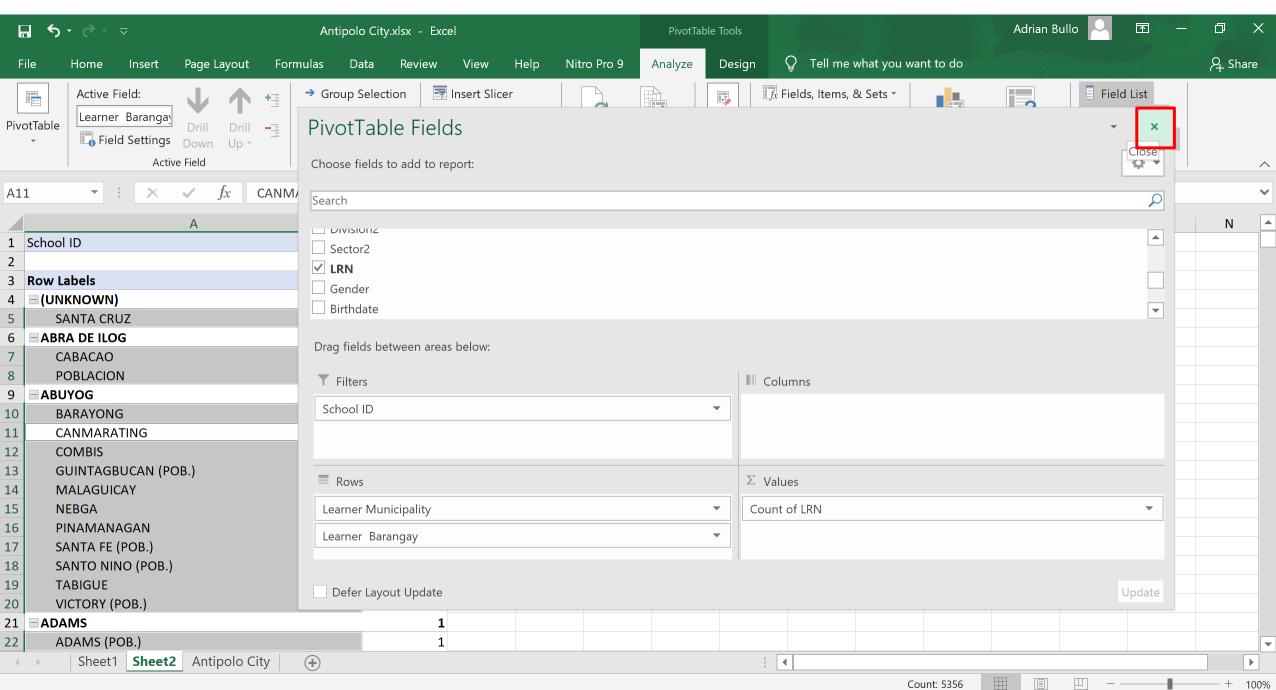
STEP 8: DRAG & DROP 'Learner Barangay' 'Rows' QUADRANT



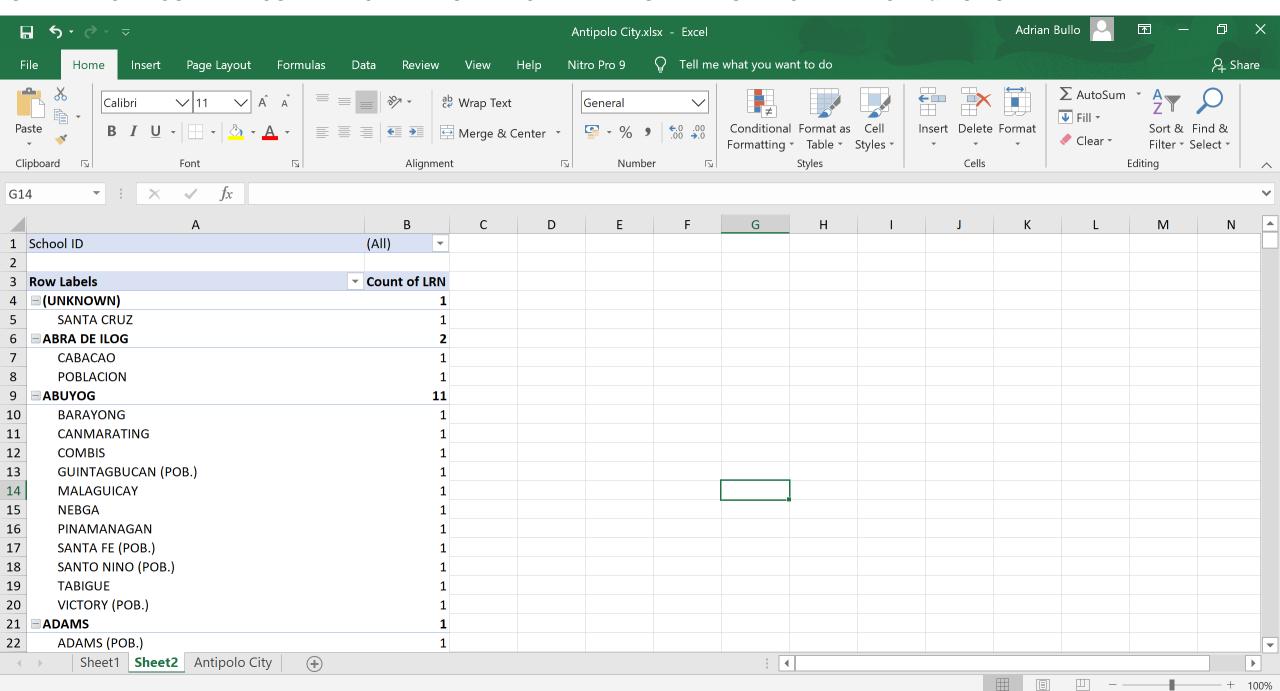
STEP 9: DRAG & DROP 'LRN' 'Values' QUADRANT



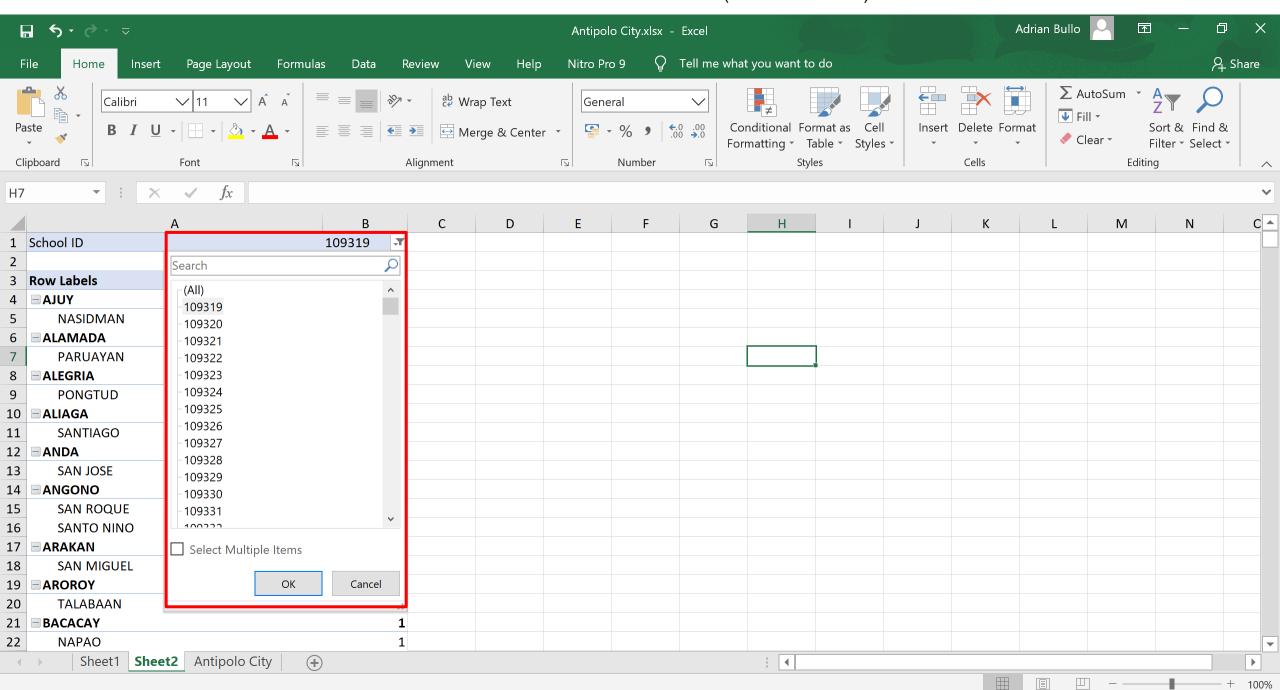
# STEP 10: CLOSE THE 'PivotTable Fields'



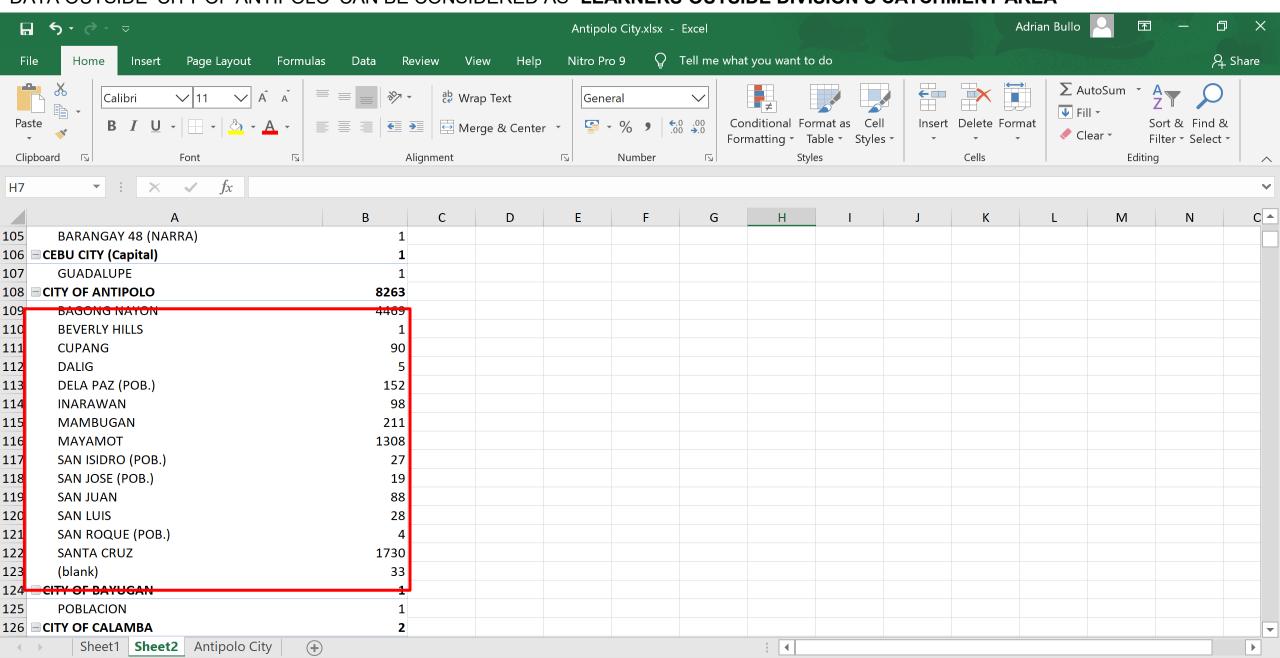
# STEP 11: NOW YOU HAVE YOUR DATA ON THE NUMBER OF LEARNERS PER RESIDENCE BARANGAY & MUNICIPALITY



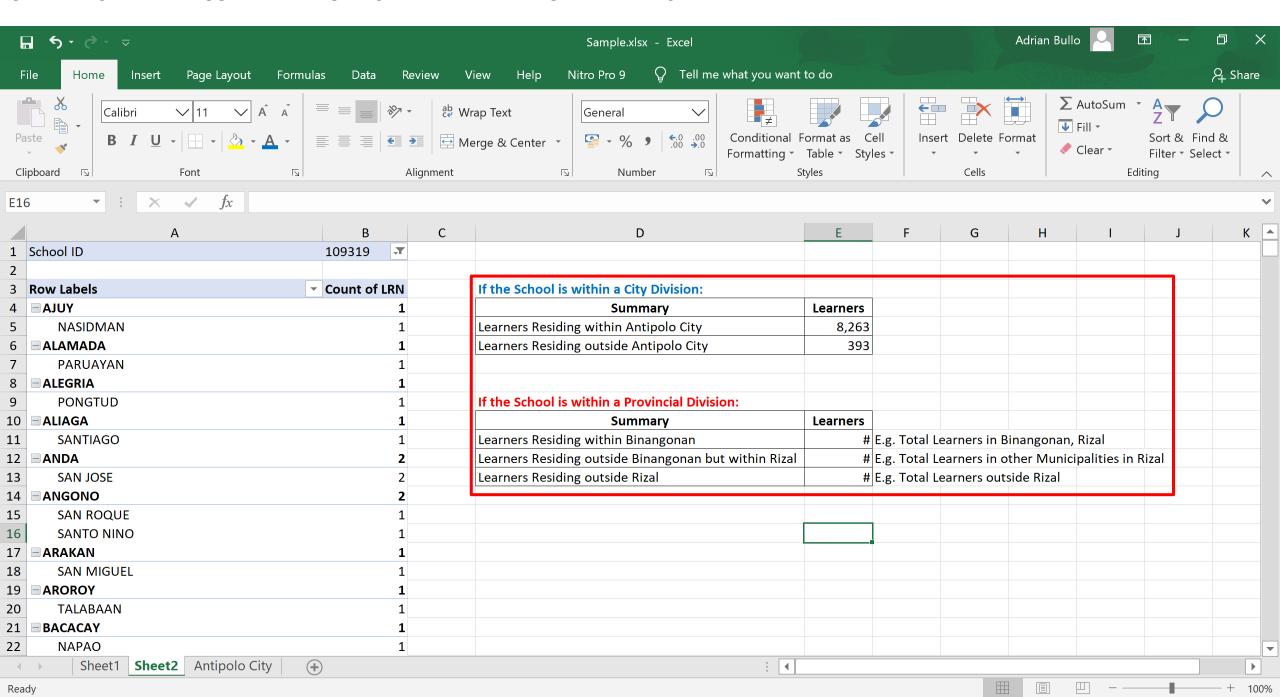
STEP 12: SELECT THE SCHOOL ID OF THE SCHOOL YOU WOULD LIKE TO MAP (ITS LEARNERS)



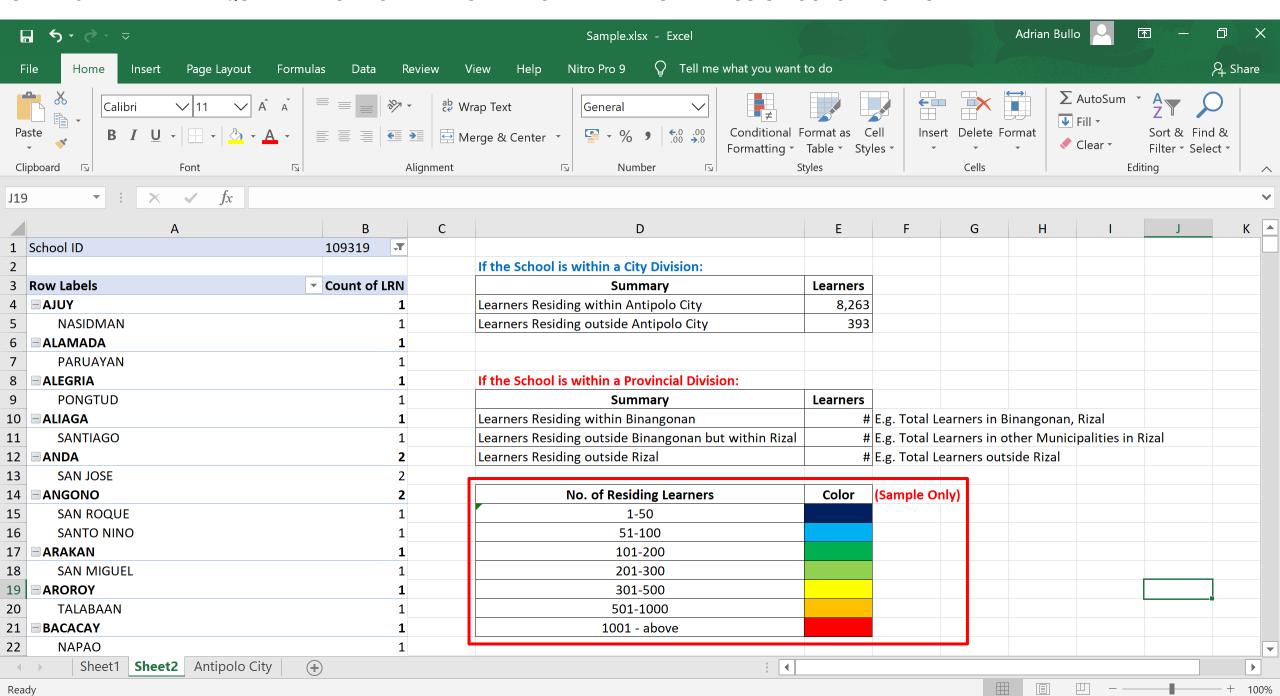
# STEP 13: FOR THIS SAMPLE, WE ARE CHECKING THE DATA OF A SCHOOL IN ANTIPOLO CITY. MEANING, THE REST OF THE DATA OUTSIDE 'CITY OF ANTIPOLO' CAN BE CONSIDERED AS "LEARNERS OUTSIDE DIVISION'S CATCHMENT AREA"



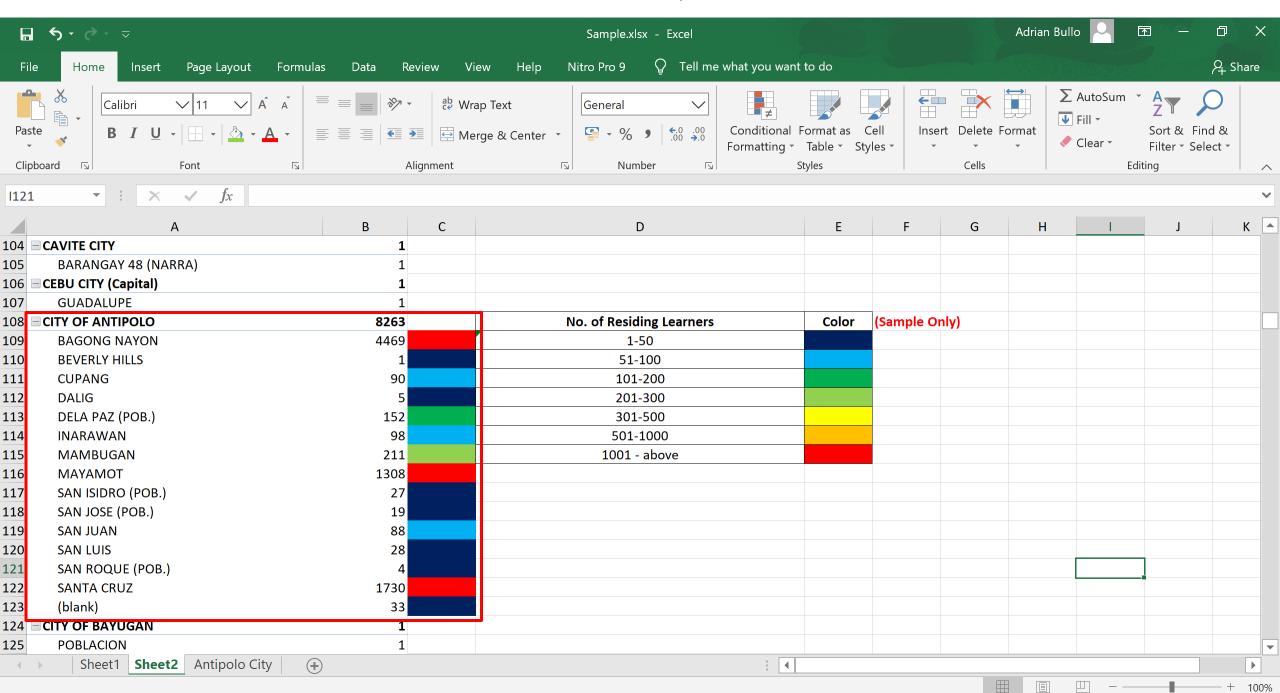
# STEP 14: GENERATE SUMMARY BASED ON THE DATA AND SAMPLE BELOW



# STEP 15: IDENTIFY ADEQUATE RANGE FOR THE NUMBER OF LEARNERS AND ASSIGN COLOR TO EACH



# STEP 16: BASED ON YOUR IDENTIFIED COLOR PER ENROLLMENT RANGE, ASSIGN COLOR TO EACH BARANGAY

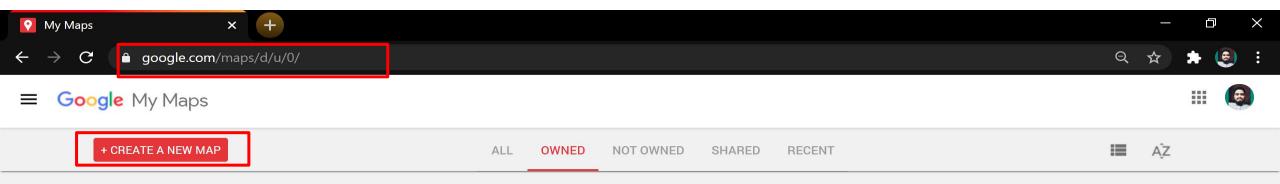




# II. PLOT LEARNERS MAP USING GOOGLE MAPS, USING GOOGLE CHROME BROWSER

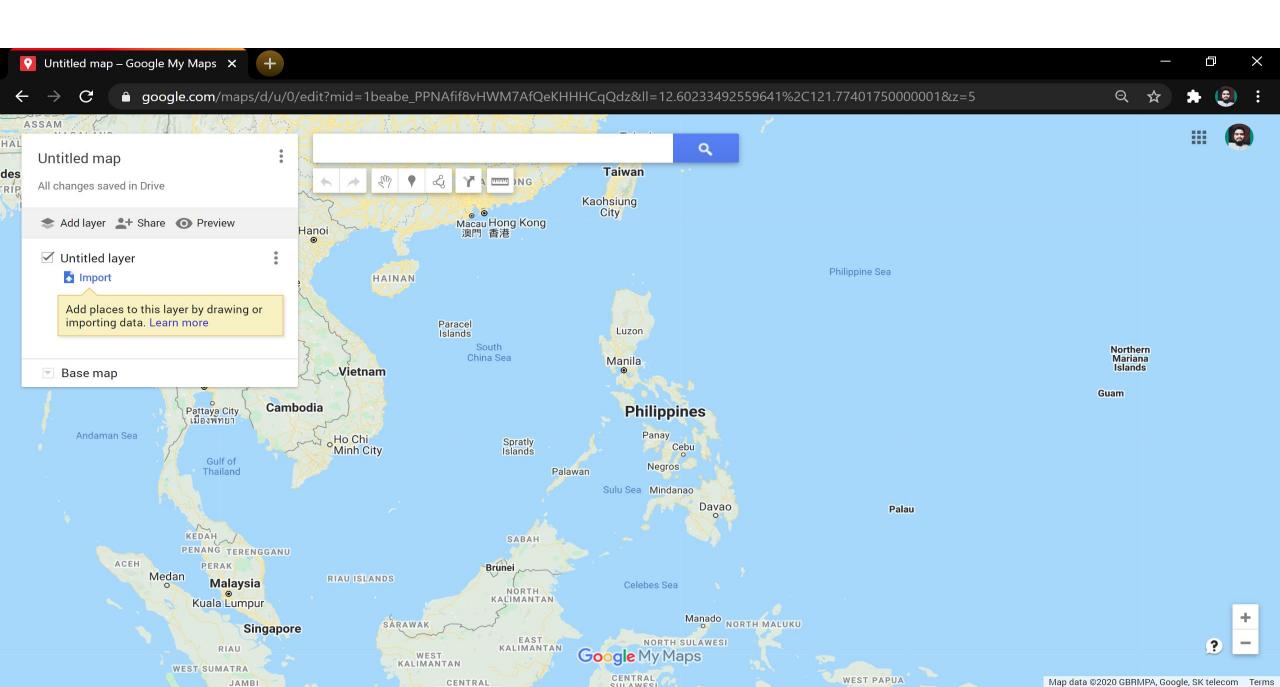


STEP 1: Using your GMAIL account (preferably the official one), access **google.com/maps/d/u/0/** and click **'+ CREATE A NEW MAP'** 

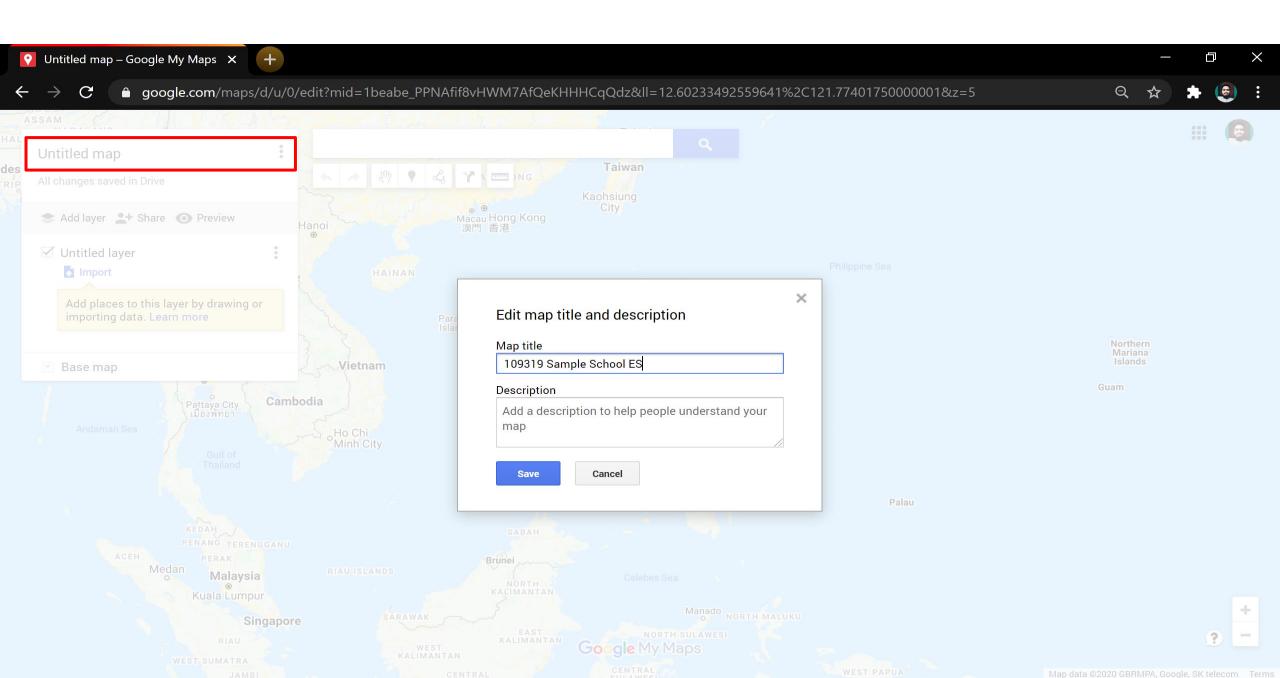




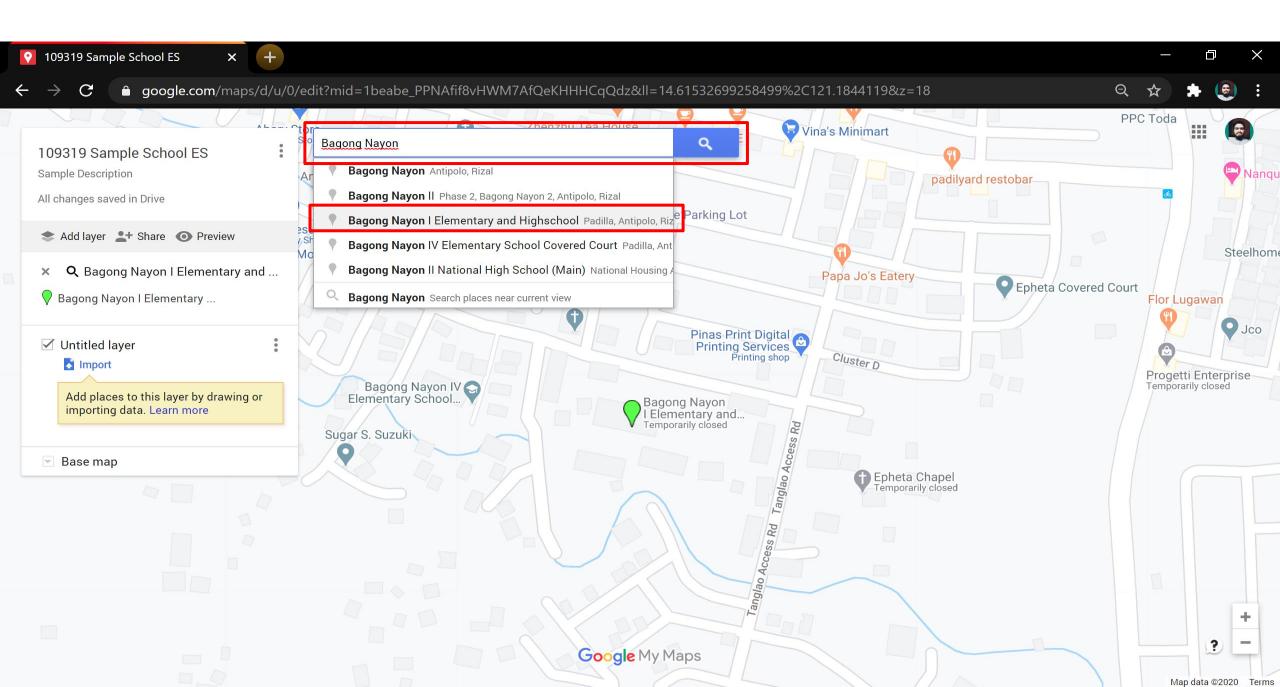
No maps owned by you



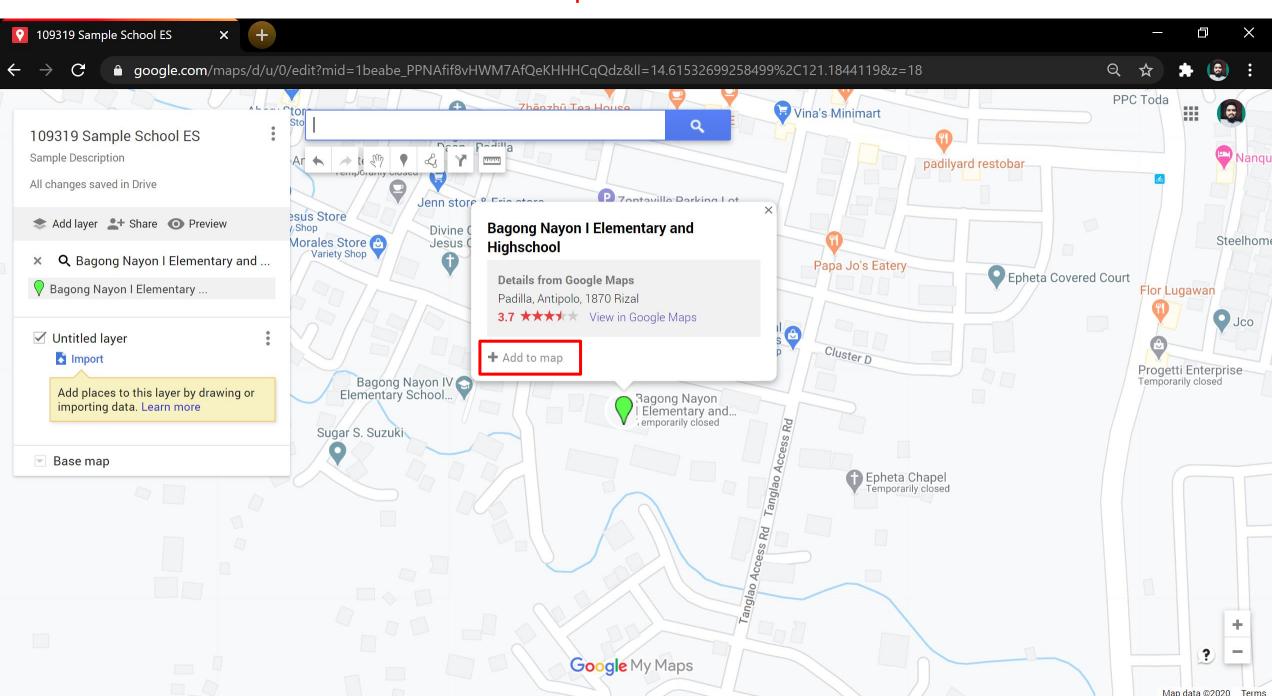
STEP 3: CLICK 'Untitled Map' AND EDIT MAP TITLE & DESCRIPTION. CLICK SAVE AFTERWARDS.



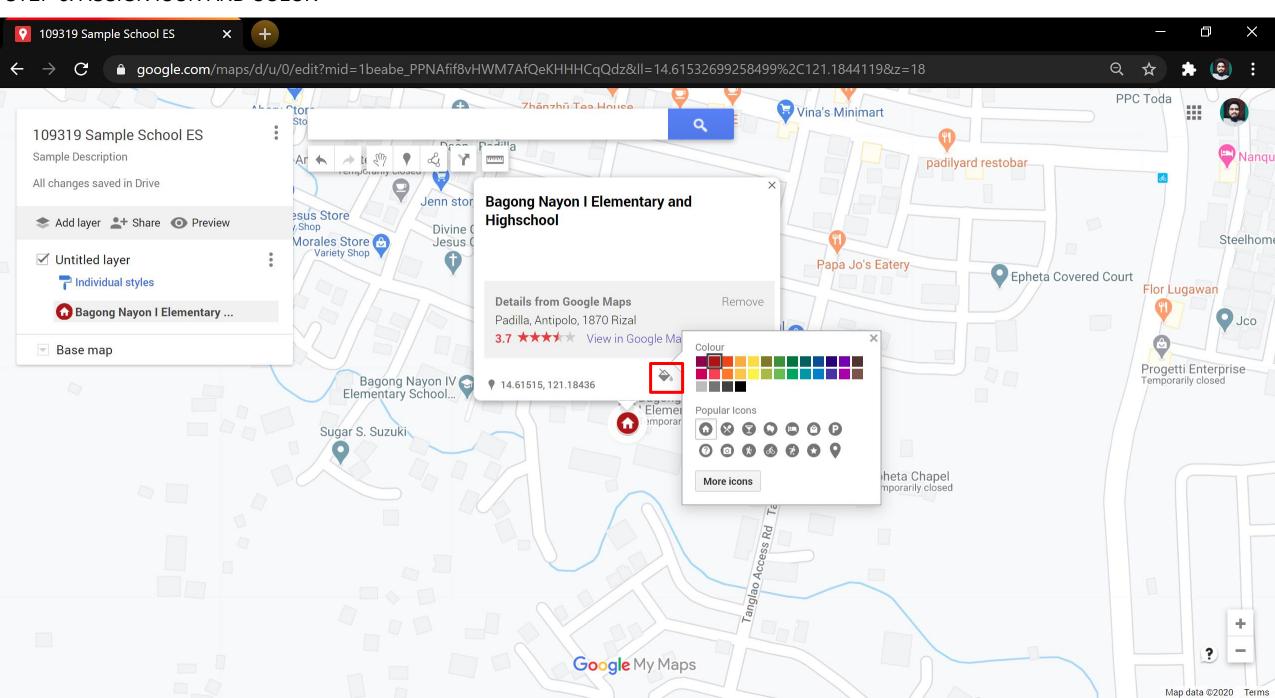
STEP 4: USING THE SEARCH ENGINE, SEARCH FOR THE NAME OF SCHOOL



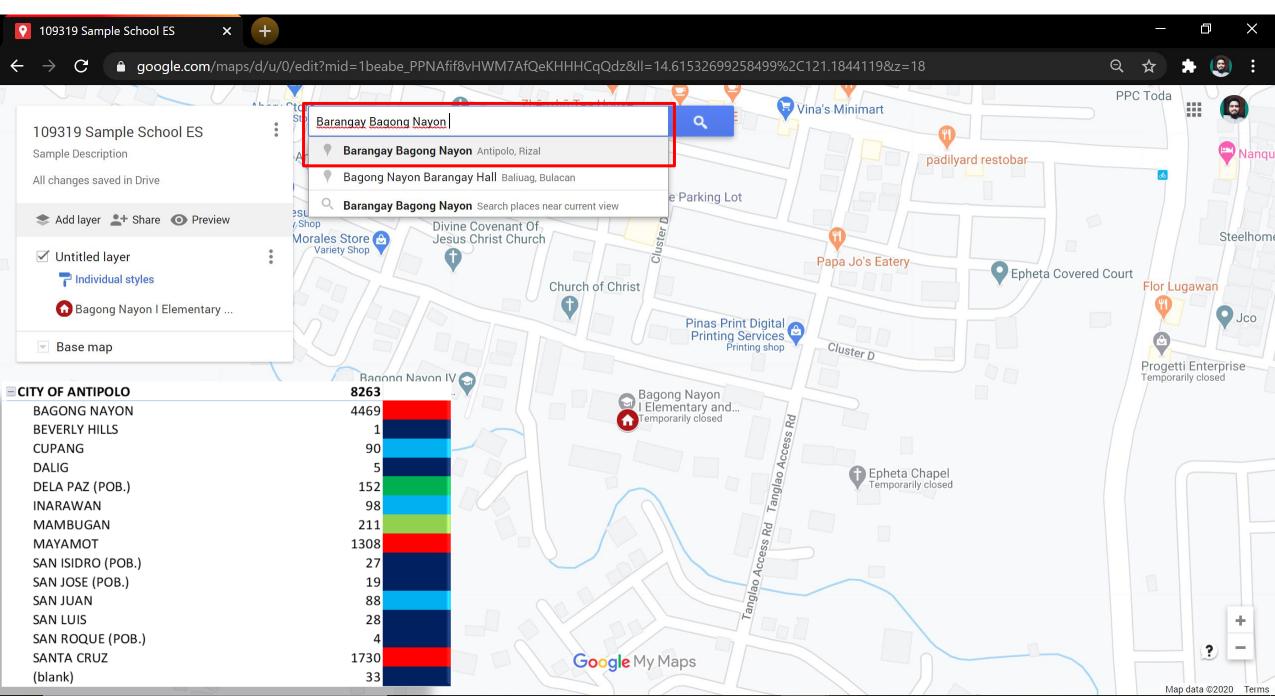
STEP 5: CLICK THE SCHOOL IN THE MAP AND CLICK 'Add to map'



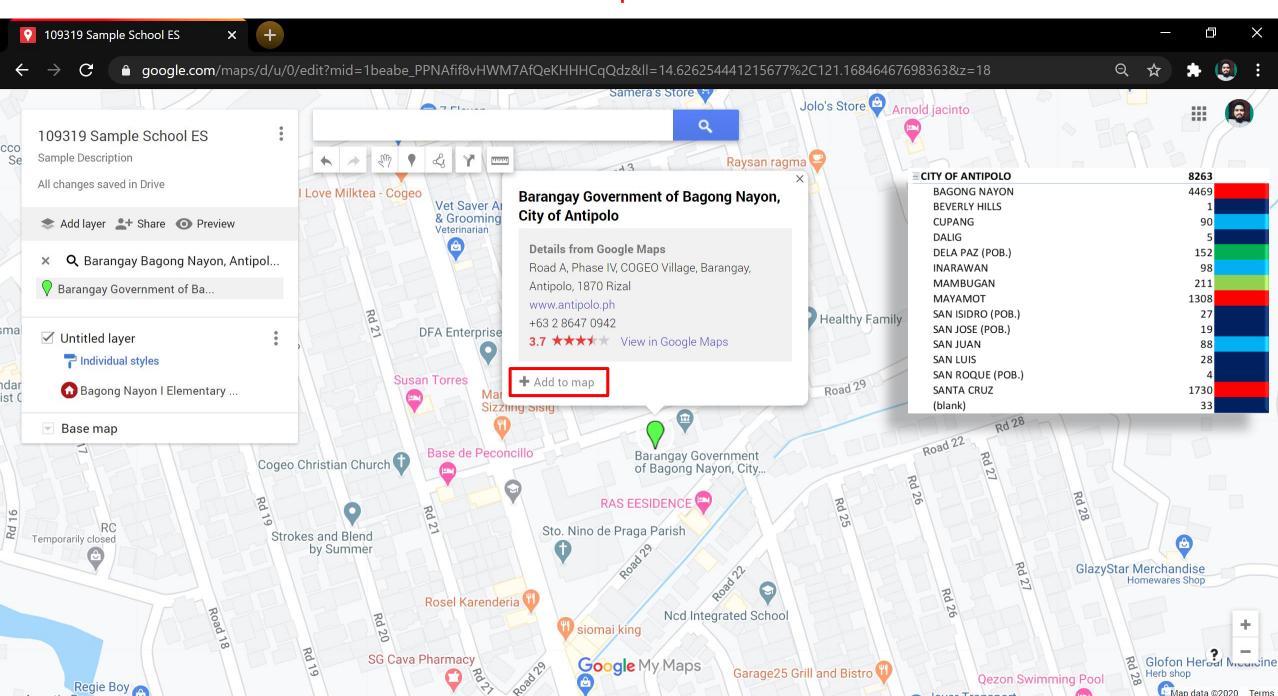
STEP 6: ASSIGN ICON AND COLOR



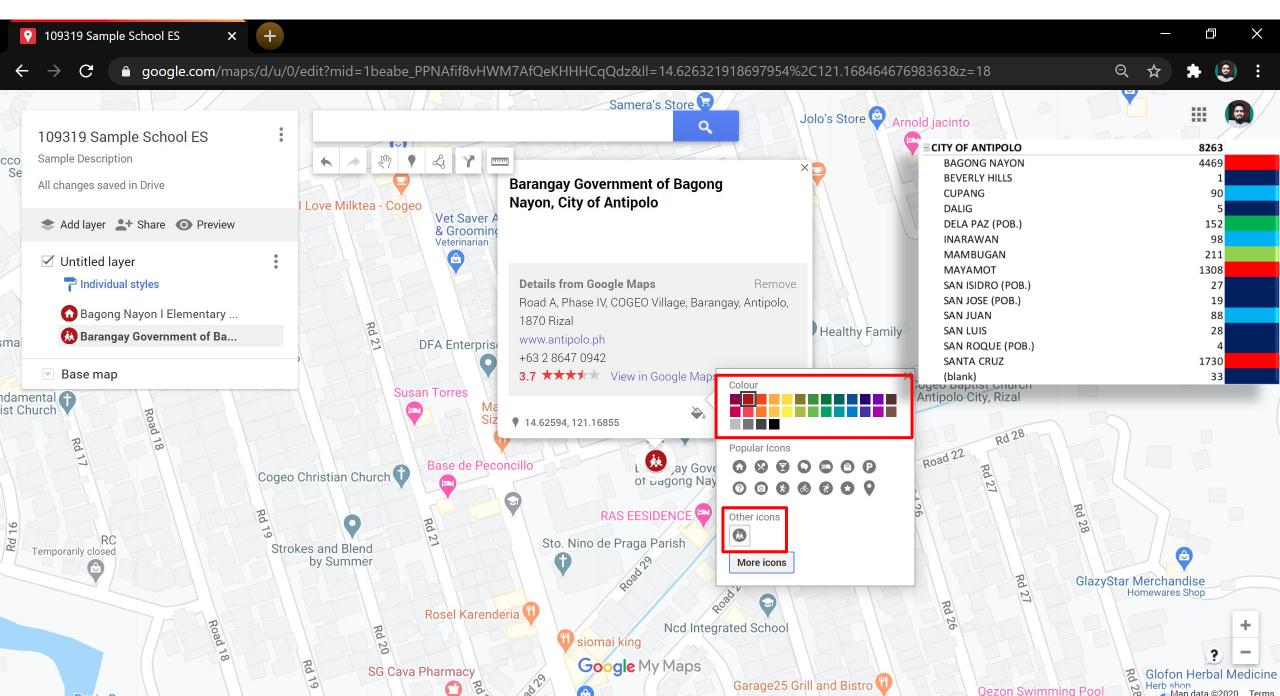
STEP 7: LOOK FOR EACH BARANGAY HALL AND CLICK ADD TO MAP



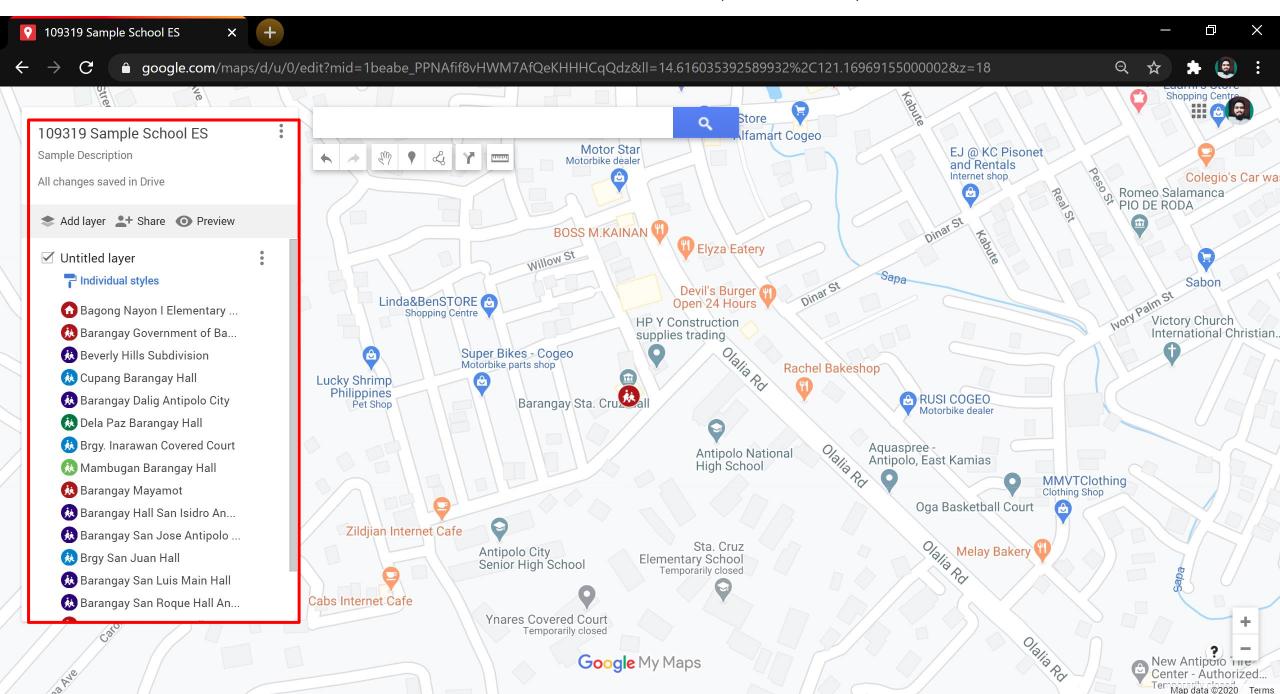
STEP 8: LOOK FOR EACH BARANGAY HALL AND CLICK '+ Add to map'



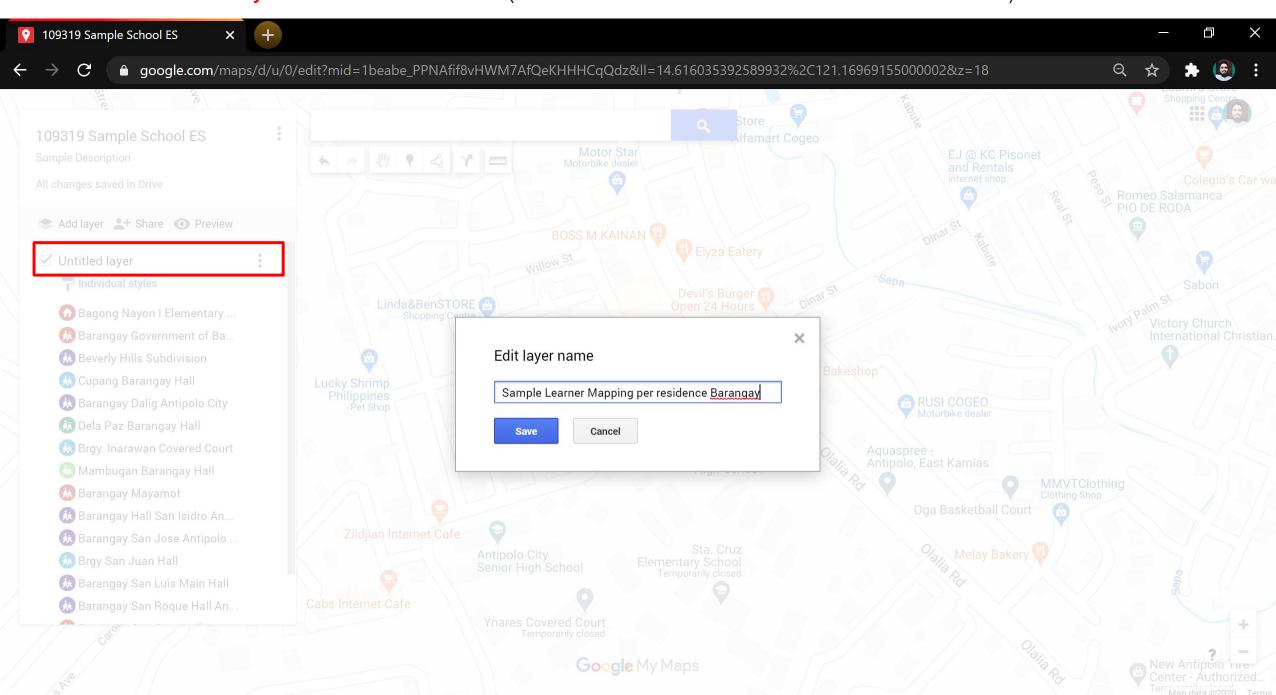
STEP 9: LOOK FOR EACH BARANGAY HALL AND ASSIGN ICON AND COLOR BASED ON LEARNERS RANGE

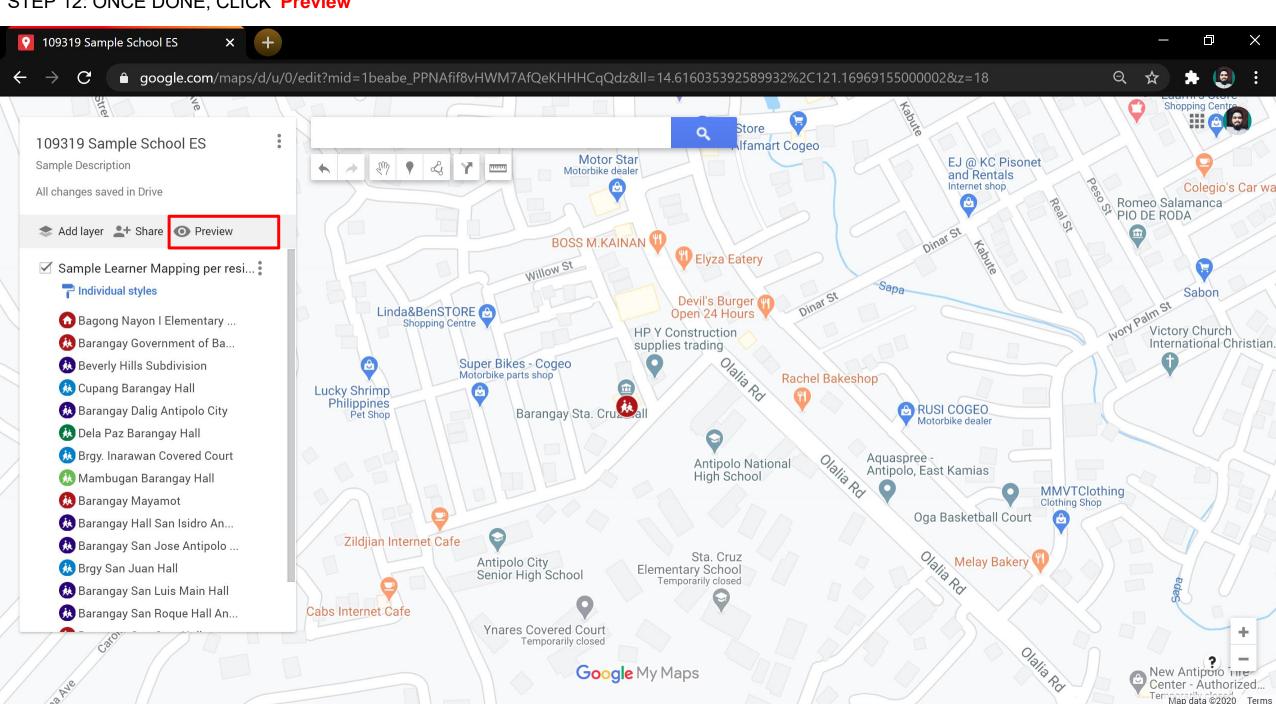


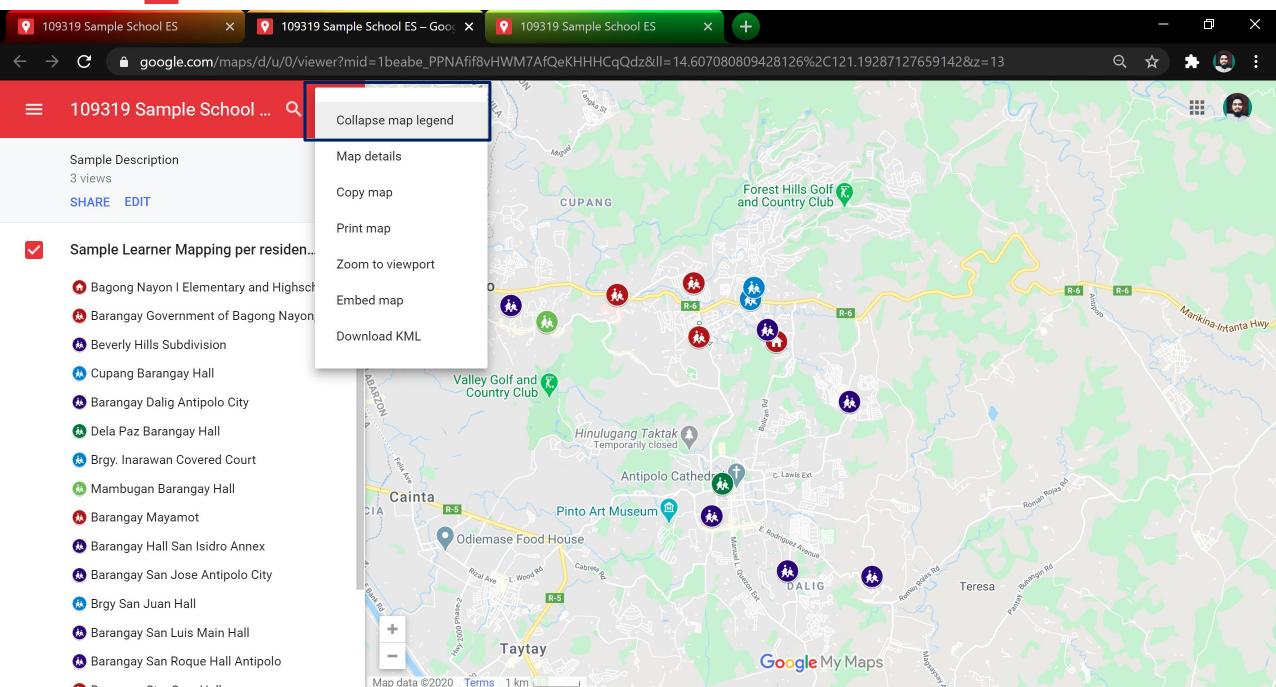
# STEP 10: DO THE SAME PROCESS TO ALL BARANGAYS IN CITY OF ANTIPOLO (SAMPLE ONLY)

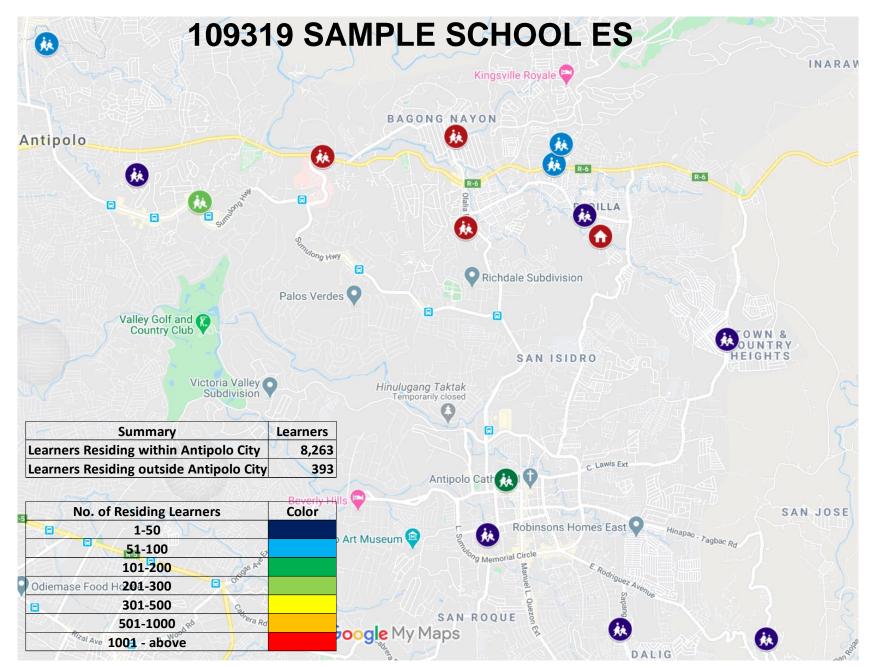


STEP 11: CLICK 'Untitled Layer' AND EDIT LAYER NAME (THIS COULD BE DONE EARLIER UPON CREATING MAP)

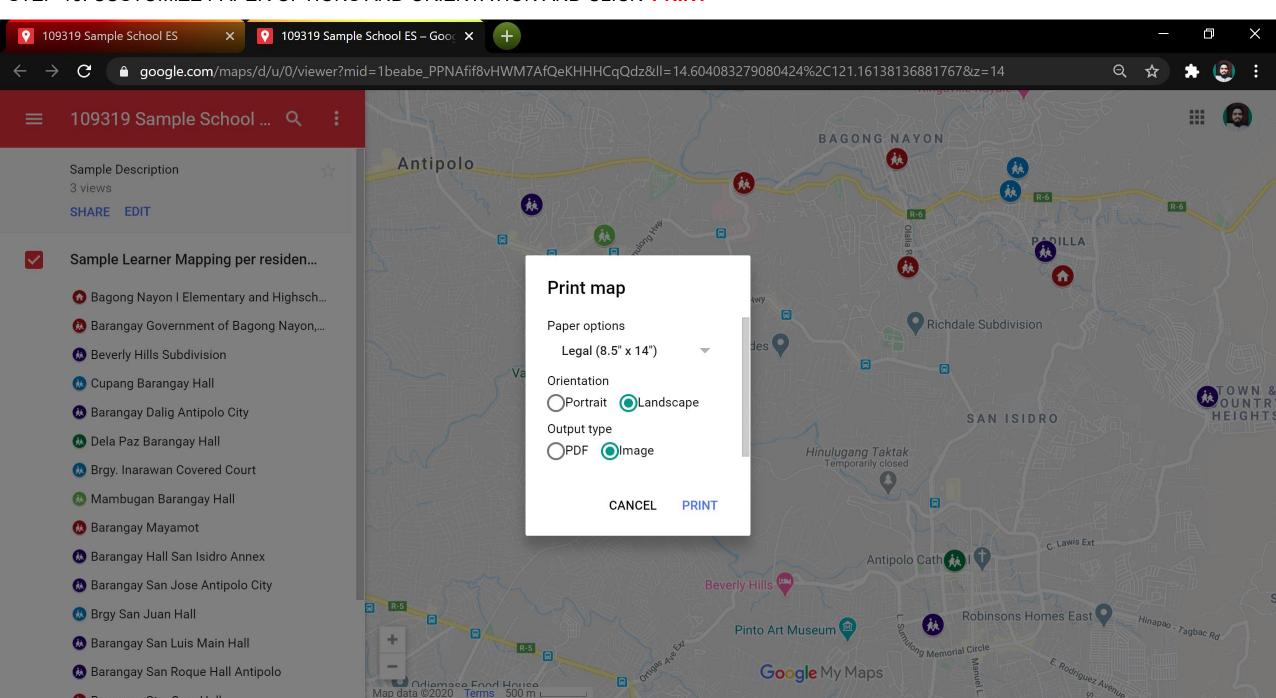




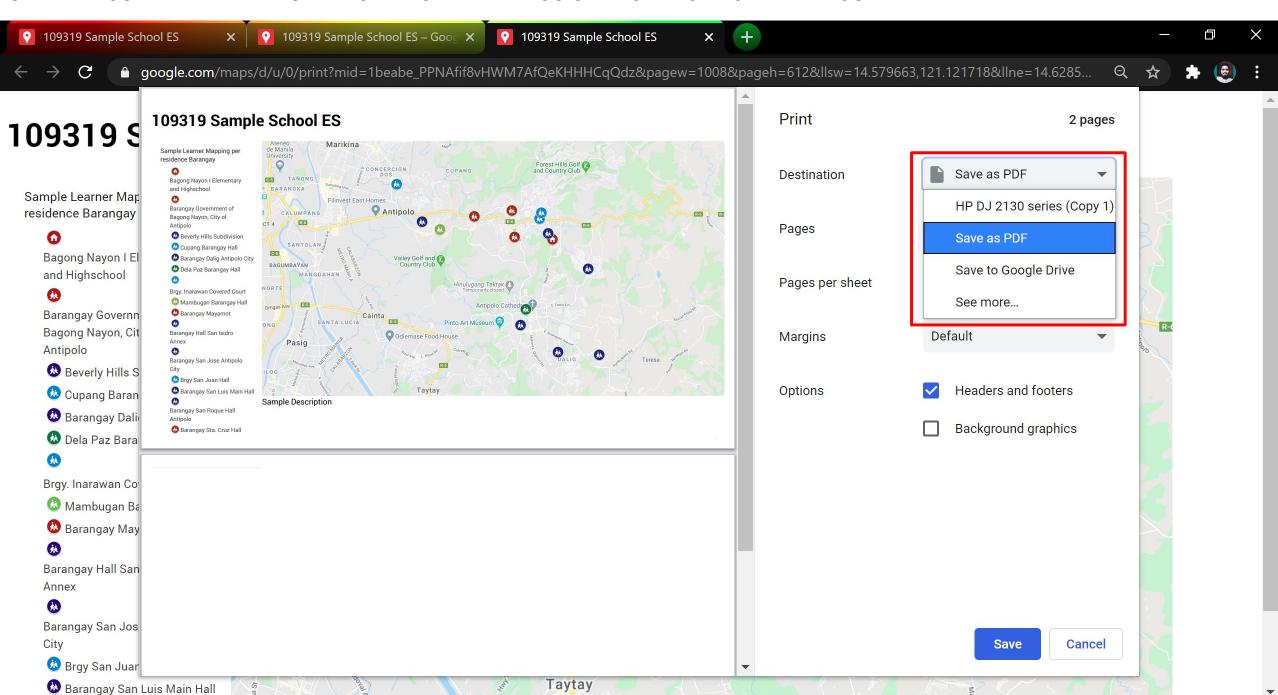




Paramani Cta Cuin Hall



## STEP 17: YOU WILL BE REDIRECTED TO A PAGE WHERE YOU CAN DOWNLOAD OR PRINT YOUR MAP





# Prepared by:

# Policy, Planning & Research Division Last July 4, 2020

