**Afterschool Programs Project**

Report 1: Distribution of programs across departments

The school wants to ensure that each department has at least one program, and also that no one department dominates the entire afterschool program. This pie chart will confirm that all departments have programs running within them, and the visualization of the number of programs within each department will ensure that the allocation of programs is relatively even among departments. For example, it would not be preferable for the music department to have three times as many programs as the art department. If this were the case, the school would be able to visualize the difference in programs which will assist them in developing a program plan for the future.

Chart, pie chart

Description automatically generated

Report 2: Program vs Number of Students and Budget

Decision makers at the school can quickly look at the data visualization presented and look at the number of students that are enrolled in each program, and the amount of budget that each program is receiving. First, this will help the elementary school board decide which programs need funding and which ones do not. As shown in our Tableau example, there are currently no students currently enrolled in the clay club and piano club programs. So decision makers can decide to relieve any staff member that was assigned for that program because they would be paying them for no reason. Second, decision makers at the school can decide how to better allocate their after-school program budget. Programs such as the clay club and piano club shouldn’t receive any budget for this current semester, instead that budget can be given to other programs, or the school can decide to spend it elsewhere.

*Chart, bar chart

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