#### **HS DP Math Summer 2021 Assignments**

**Rising 11th graders entering a two-year DP Math course:**

Summer assignments are to be created by the DP Math teachers that will be receiving these scholars during the 2021-2022 school year. As such, the assignments can be personalized to meet the needs of the scholars on each campus with regards to preparation for the DP Math course.

It is the recommendation of the High School Math C&I Specialist, in consultation with the network DP coordinator and the Math DPFs, that incoming scholars have a summer assignment that broadly introduces the course and requires them to reflect on what they already know about the initial components of your DP scope. This is a great time to assess assumed background knowledge from Algebra I or Geometry. In addition, some scholars may not have taken Algebra 2 and have not been introduced to inverses, set notation, square root/cubic/cube root/logarithmic functions and rational equations.

**Scholars entering year two of a DP Math course or entering a one-year DP Math course:**

Summer assignments are to be created by the DP Math teachers that will be receiving these scholars during the 2021-2022 school year. As such, the assignments can be personalized to meet the needs of the scholars on each campus with regards to preparation for the DP Math course.

It is the recommendation of the High School Math C&I Specialist, in consultation with the network DP coordinator and the Math DPFs, that incoming scholars have a summer assignment that is centered around statistical regression. Ideally, scholars should find data on their own, organize the data, analyze the data, and draw/write a conclusion. This can include some teacher sources support in simple statistical processes and how to apply them to relevant kinds of data.

**Combining Groups 4 and 5 Summer Assignments**

In previous years it has been suggested that Groups 4 and 5 combine their summer assignment. For guidance on that please use the following link.

<https://docs.google.com/document/d/1sxFTY7Zr6c0IoQDej4LULmrK0HdHzUKZ5YRnl18Inc8/edit?usp=sharing>