SAN FRANCISCO OPERA EDUCATION

Educator Materials:
Curriculum Connections

Preliminary Information	
Title of Opera:	**Composer:**
Librettist:	**Date and Location of Premiere:**

Math, Science and Health:

<u>Math</u>

Does money/wealth play a major role in the action of the opera? How so?
Extension: What would the monetary values in the opera amount to in the present, in USD?

If the story of the opera takes place in several different places, calculate the distance between them. Remember to show your work!

If available, view production designs of set and assess the scale of set design to actual stage set.

Find out how many seats are in the War Memorial Opera House. Calculate number of seats based on various percentages of tickets sold.

Introduce basic time signatures.
Extension: Compare time signatures to fractions.

How many people are in the production? How many orchestra musicians are in the pit?

Research how many performances are in the entire run of the opera. Find out the timing of one full performance. How many total hours of performance are there?

<u>Science and Technology</u>

Research the life expectancy or general health of people during the time in which the opera is set. How is it different from today?

Are there special effects in the opera? How does the Production staff create those effects?

Health

How does health play a role in performance practice? Find someone (a singer, instrumentalist, etc.) to interview.

Think about the characters and their conflicts. Brainstorm ways they could resolve their conflicts differently.

Do the main characters exhibit negative behaviors? How do these behaviors affect their relationships with other characters or their own well-being?
    Extension: If you've experienced something similar, what advice would you give to this character about how to resolve this issue?

How do external and internal forces affect the main character? What changes could they have made to their lives?