



**San Francisco Opera's  
Verdi's *La Traviata***

**Curriculum Connections**

California Content Standards  
Grade 5 through Grade 12

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**SCIENCE**

Life Sciences

Identification of body parts important to performing. Ex. Diaphragm, larynx, throat, mouth, etc.

Identification of body parts associated with hearing music, how ears work.

Identification of body parts associated with viewing opera, how eyes work.

Identification of parts of the body affected by tuberculosis. Discuss lung function. What causes tuberculosis? Is there a cure? History of tuberculosis treatment, history of infectious diseases.

Plants: research life cycle of flowers

What are the characteristics of camellias, and their country of origin?

Flower color and plant genetics

Physical Sciences

Sound: Voice, Instruments, Acoustics, Amplification, Recording.

ACTIVITIES

Measure lung capacity with balloons. What percentage of lung capacity do we use? Learn about medical equipment used to measure lung capacity.

Draw diagrams of lungs.

Chart and graph mortality rate/lifespan of tuberculosis victims. Compare during different time periods.