



San Francisco Opera's Wagner's *DIE MEISTERSINGER VON NÜRNBERG* Curriculum Connections

California Content Standards
Kindergarten through Grade 12

SCIENCE

The principals of science used in Die Meistersinger von Nürnberg.

THE FIVE SENSES:

Sight, sound, touch, taste, and smell. What senses do you use while watching opera?

Try closing your eyes and listening to other students speak or sing. Do you recognize them? Do you recognize them when they're singing at the same time as other students?

How do senses develop and decline as you get older?

The loss of what sense would most diminish experience of opera.

PARTS OF THE BODY:

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.

Examine the science of men and women and psychological and physical differences.

How does the body react in times of stress like those that occur in the opera?

THE ELEMENTS

Fire, Water, Earth, Metal, Air, Wood.

LIFE SCIENCE

How does the body react in times of stress like those that occur in the opera?

PHYSICS

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

Concepts of Gravity, Time & Space.

ACTIVITIES

Research the scientific discoveries of Wagner's time; what would he have known about the world?

What would a scientist be like during Wagner's time? How are they different from scientists today?

Explore the characters' psychological motivations.