



Affiliated with the national Young Audiences
Arts for Learning network



Da Vinci's Anatomy

Educator Guide

Enriching the lives of children and promoting creative learning by uniting arts and education

About the Program



Learning about human anatomy has never been this fun. In this interactive workshop the secrets of Renaissance history and mystery are unlocked by painter **Augusto Bordelois**. Although Leonardo Da Vinci used cadavers to study the proportions of the human body, we do not need to resort to dissection in the classroom to learn the same things. Instead, students

learn the proportions of the human body as well as name and location of body parts, muscles, bones and organs.

Objectives

1. **Demonstrate** how to draw a human body and head in proportion.
2. **Understand** how to measure the human body and head.
3. **Experience** how to draw a human body and or head in movement
4. **Learn** about Leonardo da Vinci and the period when he lived
5. **Explain** the importance of artists' curiosity, observation and ingenuity in the advance of science.

Content Standards

Science

Living things have physical traits and behaviors, which influence their survival.

Social Studies

The Renaissance in Europe introduced revolutionary ideas, leading to cultural, scientific and social changes.

Visual Art

Demonstrate technical skill, craftsmanship, and reasoning abilities in solving visual art problems using appropriate tools, media, and technology.

Produce artworks that express and represent their experiences, imagination and ideas using a range of media including new technologies.

Form and express opinions about artworks and apply critical and creative thinking skills to assess and refine their artworks.

Before the Program

Do you know who Leonardo Da Vinci was? Do you know how many bones are in the human body? Do you know what and when the Renaissance period was and why it is so important to our way of life? Show samples of paintings and drawings by Leonardo Da Vinci and other Renaissance artists. Talk about the human body: bones, organs, distinctions between children, female and male skeletons.

After the Program

Research the main inventions and creative solution of the Renaissance period that influenced modern western societies.

What other important Renaissance figures are there and what did they accomplish?

Vocabulary

Anatomy: The structural makeup especially of an organism or any of its parts

Leonardo da Vinci: 1452–1519 Italian painter, sculptor, architect & engineer

The Renaissance: The period of European history between the 14th and 17th centuries when there was a new interest in science and in ancient art and literature especially in Italy

About Augusto Bordelois

Augusto C. Bordelois (Havana, Cuba, 1969) graduated from the University of Havana with a major in English Language and Literature. He has also studied sculpture, ceramics, costume design for theatre and cinema, classical drawing and painting. He has designed costumes and floats at different carnivals in Cuba and also at Parade the Circle in Cleveland, Ohio. He has created many public art pieces across northeast Ohio. He has written and illustrated short stories for children and teacher activities guides. His visual artwork has been awarded much national and international recognition.

Resources

Augusto's Website

www.augustofineart.com

Leonardo DaVinci's Groundbreaking Anatomical Sketches

www.bbc.com/culture/story/20130828-leonardo-da-vinci-the-anatomist

Renaissance Art

www.history.com/topics/renaissance-art



About the Center for Arts-Inspired Learning

Through a balance of demonstration and audience participation, the Center for Arts-Inspired Learning teaching artist performances and workshops introduce students to an art form, support various curricular areas, and inject excitement and wonder into the school day.

