

lesson plans



SCIENTIFIC *artful thinking*

S C I E N C E A N D A R T



CONTENT	FINE ARTS
Science: Students can understand and explain earth's relationship within the galaxy.	Art: Students can manipulate the tools of observation in understanding a work of art.

Materials:

- * *Van Gogh's Starry Night print*
- * *See, Think, Wonder Chart*
- * Masterpiece Remix Lesson
- * Computer, LCD projector, internet
- * paper, paint, markers

Extensions:

Sell the remixed masterwork at an art auction to raise money for classroom art materials.

- 1.) Students view the image of Van Gogh's Starry Night. Students should complete a [See, Think, Wonder Chart](#) about this image.
- 2.) Teacher can then discuss the properties of space, orbit, stars, moon, earth's rotation. Have students experiment with these elements through movement.
- 3.) Students should then look at Starry Night again now that they know the elements of earth's relationship to space and explain the elements that they may not have known before. Students should identify elements of the painting that they still wonder about and what they're hypothesis could be.
- 4.) The teacher will explain that the earth is simply one piece of a much larger galaxy, just as each element in the painting is one element of the whole piece itself.
- 5.) Students will then be able to re-create one segment of the Van Gogh painting. Follow the steps [in this lesson](#) for measuring each section and providing each student with a piece of the painting.
- 6.) Put each student created piece back into the overall painting and have students reflect on what connections they can make from this project to the elements of space.



Written Journal:

Students can write about an element from the Starry Night painting and what they observed verses what they wondered about. They can create a story about why Van Gogh included that element and what it contributes to the whole picture.

