

Lesson Two: Exploring Science & Art at the Tempe Center for the Arts

Objectives

1. Students will be able to describe subject matter details in realistic artworks.
2. Students will be able to interpret the mood or feeling of an artwork. [ELEMENTARY]
3. Students will be able to speculate about how art might affect how people see or experience the world around them. [SECONDARY]

Preparation

- 1) Read and make copies of “Questor Questions about Science and Art in Insect Images” worksheet.
- 2) Make arrangements for field trip to the TCA.

Note: Before your visit, talk with assigned TCA docent, if possible. Provide the docent with a copy of the “Questor Questions” worksheet in advance of your trip and discuss the extent to which students might complete any or all of the worksheet at the center or whether any or all of the questions or ideas might be addressed during their tour.

Resources

Questor Questions about Science and Art in Insect Images Worksheet pdf
STEAM Exhibition Preview PowerPoint

Art Vocabulary

image
Photoshop
realistic
illustration

Other Vocabulary

antennae
collection (also an art term)
degrees
specimen

Activities

Review and Application:

- 1) Distribute “Questor Questions about Science and Art in Insect Images” worksheets to all students and ask them to answer as many questions as they can during their tour. If writing responses on the back of the worksheet is not practical or possible during the tour, use the worksheet to guide students in focused observation as circumstances permit. For example, you might use questions on the worksheet when students assemble or travel to the TCA or when they assemble for or travel back to school.
- 2) Take notes on any new information presented by the docent as well as interesting questions, observations or responses made by your students during their tour. If the circumstances of the visit do not allow students to complete their worksheets, explain that later, in class, you will lead a discussion of discoveries they made about creativity in art and in science in the exhibition using the online STEAM Exhibition Preview.

Assessment Checklist

___ 1. Students will be able to describe subject matter details in realistic artworks.

(Written or oral responses to LOOK questions on “Questor Questions” worksheet)

___ 2. Students will be able to interpret the mood or feeling of an artwork. [ELEMENTARY]

(Written or oral responses to INTERPRET questions on “Questor Questions” worksheet)

___ 3. Students will be able to speculate about how art might affect how people see or experience the world

around them. [SECONDARY] (Written or oral responses to the last question on “Questor Questions” worksheet)