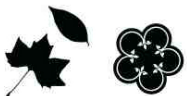




Where We Meet

Connecting Art, Science, and Literacy



**Fine Arts
Museums of
San Francisco**
**de Young
Legion of Honor**

This journal belongs to:



**CALIFORNIA
ACADEMY OF
SCIENCES**

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Introduction

Have you ever wondered what artists and scientists have in common? Explore the Where We Meet journal to help answer this interesting question. Scientists and artists share important skills even though they may look at the world very differently.

Where We Meet explores the connections between art, science, and literacy through the following:

- skills
- vocabulary
- careers
- investigations
- reflections

Have fun during this project, and be creative in your thinking!

Exploration 1

Date:

Location:

Weather:

Something I noticed on the way here:

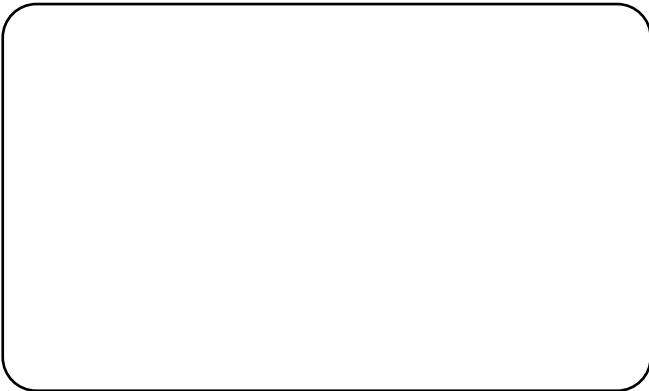
My favorite word today:

Today's theme is:

Today's vocabulary word is:

Today's skill is:

Define today's vocabulary word using words, pictures, or examples:



Define today's skill using words, pictures, or examples:



This skill is used by: artists scientists both

Today's career is: _____

What does a naturalist do?

A naturalist spends a lot of time outside, observing the natural world. Naturalists study animals, plants, rocks, weather patterns, and much more! Some naturalists communicate to the public what they have learned by giving tours of a natural area or creating guides with artwork and scientific descriptions.

After reading about this career, use words, pictures, or examples to explain what this job might be like:

Drawing a Specimen

I notice:

I wonder:

Imagining an Environment

I notice:

I wonder:

Reflection

What skills do naturalists use? If you were a naturalist where would you like to spend time outside?

.....

Since last time I...

Exploration 2

Date: _____

Location: _____

Weather: _____

Something I noticed on the way here: _____

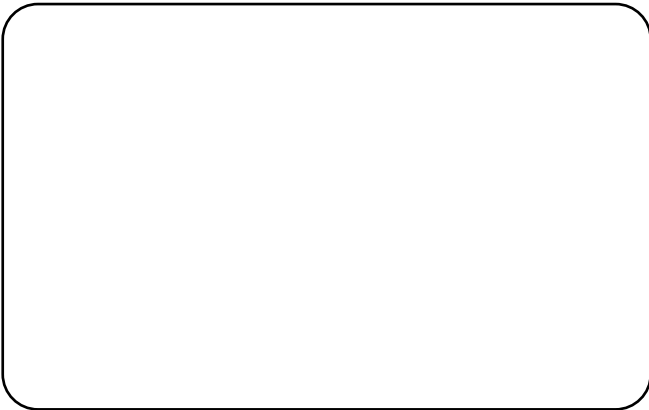
My favorite word today: _____

Today's theme is:

Today's vocabulary word is:

Today's skill is:

Define today's vocabulary word using words,
pictures, or examples:



Define today's skill using words, pictures,
or examples:



This skill is used by: artists scientists both

Today's career is: _____

What does a conservator do?

A conservator works to protect and preserve objects. Conservators use careful observation, sometimes with the help of computers and microscopes, to investigate objects for signs of decomposition. They fix damage and protect objects from future harm.

After reading about this career, use words, pictures, or examples to explain what this job might be like:

Decomposition, Part I

Question: Which materials will block sun exposure and protect the color of the paper?

Prediction:

Materials Used

construction paper

Procedure

1. Choose your materials to test.
2. Tape each material to the construction paper by looping the tape and placing it underneath the material before sticking it to the paper.
3. Trace around each material and label what type it is with pencil.
4. Be sure to leave some space on your construction paper between each of your materials.
5. Place your construction paper in a brightly lit area, such as a window, for at least five days.

Reflection

What might a conservator do at a science museum? At an art museum?



Since last time I...

Exploration 3

Date: _____

Location: _____

Weather: _____

Something I noticed on the way here: _____

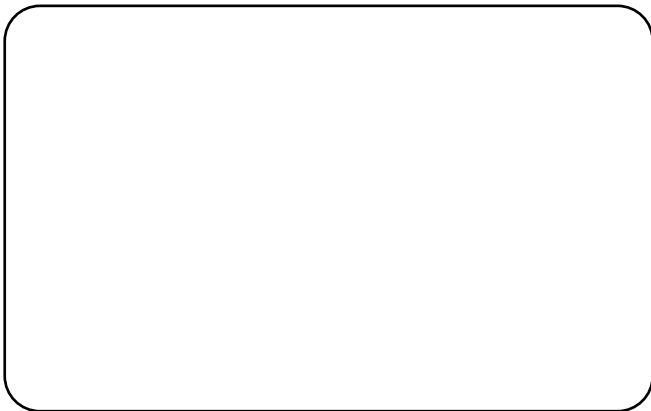
My favorite word today: _____

Today's theme is:

Today's vocabulary word is:

Today's skill is:

Define today's vocabulary word using words, pictures, or examples:



Define today's skill using words, pictures, or examples:



This skill is used by: artists scientists both

Today's career is: _____

What does an architect do?

An architect designs buildings. Architects must think carefully about how the building will be used, how people will move around the space, and how the space will affect people who work in, live in, or visit the space.

After reading about this career, use words, pictures, or examples to explain what this job might be like:

Lighting in an Exhibit

Choose one exhibit at the museum, then complete the questions.

What do you notice when you first enter the exhibit?

How many sources of light are there? Describe the different kinds of light.

What is the light focused on?

How does the lighting in the exhibit make you feel?

Sketch how the light is used in the exhibit:

Lighting in an Exhibit

Choose a different exhibit at the museum, then complete the questions.

What do you notice when you first enter the exhibit?

How many sources of light are there? Describe the different kinds of light.

What is the light focused on?

How does the lighting in the exhibit make you feel?

Sketch how the light is used in the exhibit:

Lighting in an Exhibit

Choose a different exhibit at the museum, then complete the questions.

What do you notice when you first enter the museum?

How many sources of light are there? Describe the different kinds of light.

What is the light focused on?

How does the lighting in the exhibit make you feel?

Sketch how the light is used in the exhibit:

Lighting in an Exhibit

Choose a different exhibit at the museum, then complete the questions.

What do you notice when you first enter the exhibit?

How many sources of light are there? Describe the different kinds of light.

What is the light focused on?

How does the lighting in the exhibit make you feel?

Sketch how the light is used in the gallery:

Reflection

If you were an architect what type of building would you like to design—museum, sports arena, theater? What would you need to think about when designing this space? Would light be important? In what way?

.....

Since last time I...

Exploration 4

Date: _____

Location: _____

Weather: _____

Something I noticed on the way here: _____

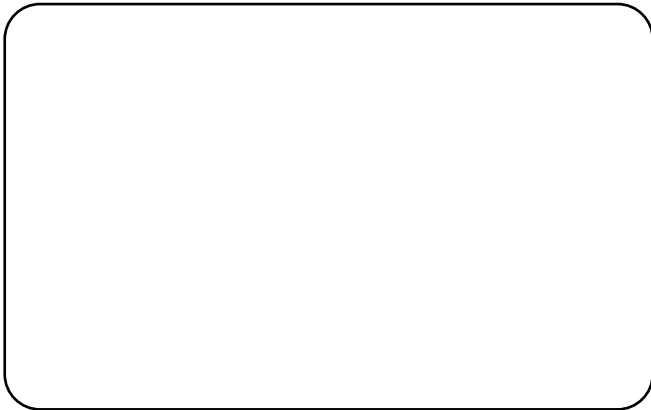
My favorite word today: _____

Today's theme is:

Today's vocabulary word is:

Today's skill is:

Define today's vocabulary word using words, pictures, or examples:



Define today's skill using words, pictures, or examples:



This skill is used by: artists scientists both

Today's career is: _____

What does a designer do?

Designers consider how people interact with an object, and then try to make that interaction better. Consider your shoes: Are they comfortable? How do they look? What are they good for? What materials are they made of? These are all questions a designer answers when working on a project.

After reading about this career, use words, pictures, or examples to explain what this job might be like:

Decomposition, Part 2

Question: Which materials will block sun exposure and protect the color of the paper?

Results

Which materials blocked sun exposure?

Rate the materials according to the numerical system below and fill in the chart. Then, as a class, calculate the average rating for each material and add that data to the chart.

Key 1: did not block the sun 2: somewhat blocked the sun 3: mostly blocked the sun 4: blocked the sun completely


Material	Your Rating	Class Rating

Conclusion

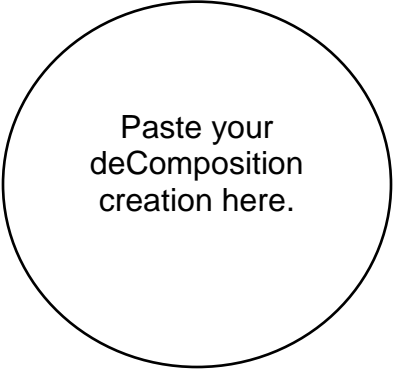
Did your results match your prediction?

What did you learn about decomposition?

Decomposition



Paste your
Decomposition
Investigation here.



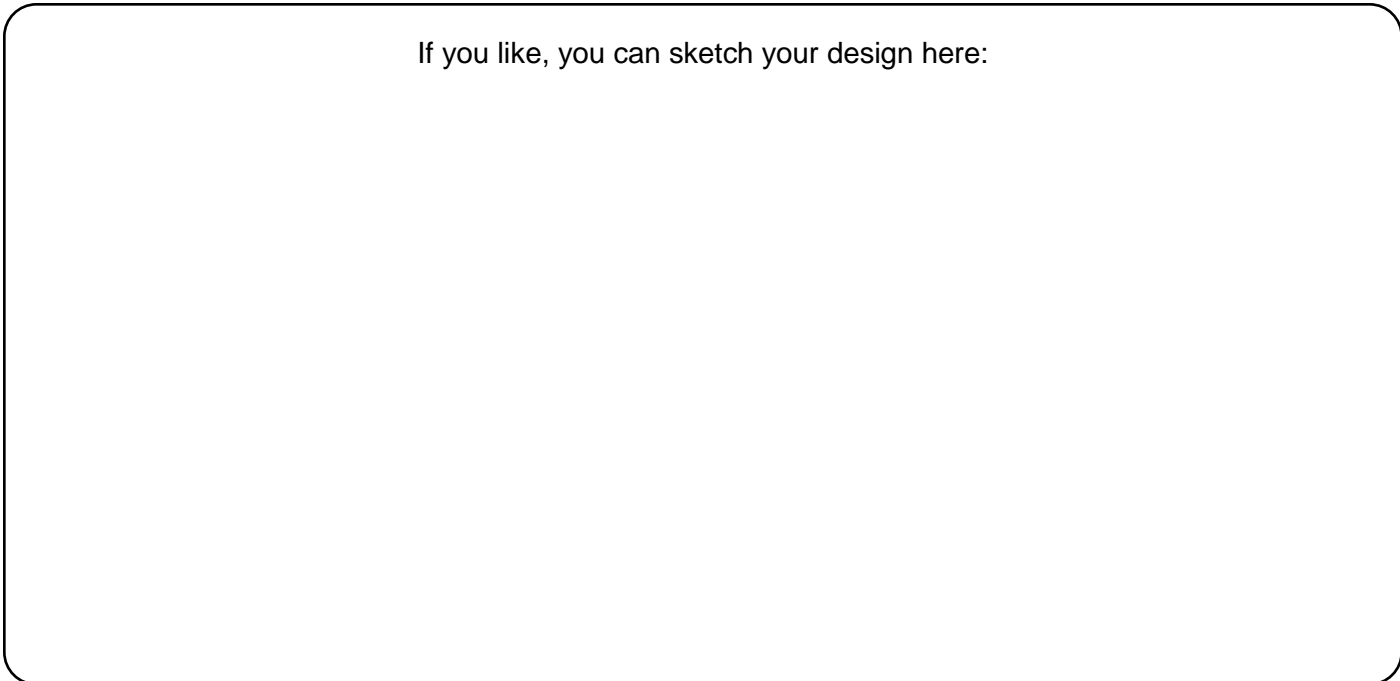
Paste your
deComposition
creation here.

Reflection

Designers use their creativity to imagine the things they want to make, but to make their ideas real, they must understand how their materials work. If you were a designer, how would you use the materials from today's activity to create something that would protect a piece of art from being damaged by light?

Glossary

If you like, you can sketch your design here:



Vocabulary

communication

composition

creativity

decomposition

environment

exhibit design

investigation

observation

skill
