

Math/Art Combo Tour

Museum School, 3rd, 4th and 5th grade combo class

Thursday May 28th 11:00am 12:00pm

Below is a list of vocabulary words as it relates to the classroom work students are exposed to. The terms should be brought up throughout the tour as it relates to looking at and discussing the artwork. Although the following themes should be incorporated into the discussion, it should not be the only area of discussion, please also include other interesting discussion topics about the art pieces.

Vocab:

Quadrilateral (rhombus, rectangle, square)

Parallel/perpendicular lines

Right triangle

Symmetry

Vertex

Prism

1. Wednesday Palace



Looking at Wednesday's Palace I found it to be made of mostly **organic shapes** and all the characters have an **asymmetrical** pose in the way they are standing. There is so much detail to look at in this piece and can be a bit overwhelming. I found it interesting to let my eyes wonder to any **vertex** and from there see what catches my eye. It was a way to focus my attention and notice detail.

2. Palace of Winds

- This piece features both **geometric** and organic shapes. Find the geometric shapes in the outlining of the building and then organic shapes add detail. I think this interplay of geometric and organic lines and shapes makes this piece fantastic and the use of white only allows the viewer to focus in on the shapes and detail.



- This might be a good piece to show the interplay between flat surfaces and **prisms**. Perhaps students can point out the area where the artist created **prism shapes**.
- Also see if students can find this **rhombus shape**.



- When you first look at The Palace of Winds it is very **symmetrical** and for the most part it is. But if you look closely at the detail in the bottom, you can see some of the birds make it **asymmetrical**.

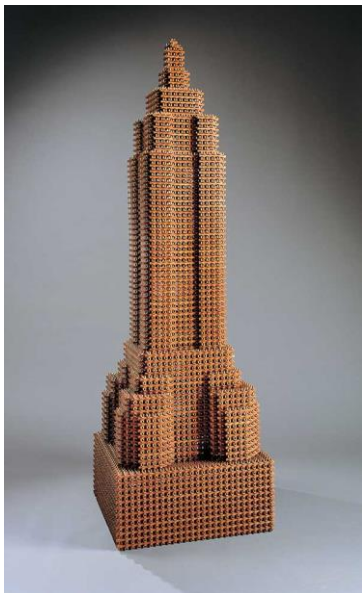
3. Encyclopedic Palace



This piece is interesting to look at **perpendicular and parallel** lines as well as **symmetry**. The building itself is symmetrical but there are tiny details that make this piece **asymmetrical**. It might be fun to try and look closely to find the details. There are two things that make it asymmetrical, the writing on the bottom and the flags.



4. Empire State Replica



This piece utilizes only **parallel and perpendicular lines** which also means all the angles are **right angles**. This piece is perfectly **symmetrical**.

5. Gold Tower



- For this piece you have to look closely at the **vertex** where the bones connect to find the shapes within the negative space.
- Also if you notice a single thread or line which spirals up the tower, you can see **parallel lines** between the two. You have to look past all the bumpy texture of the bones and all the other intersecting lines. But it brings up questions about how the structure was built and I wonder if the spiraling line with other supports is the base of the structure.