

**EDUCATIONAL ASSIGNMENT for JOSEPH JOHN WUNDERLICH** for his 3<sup>rd</sup> trimester of 10th grade

This assignment covers the following Educational Objectives (Subjects marked with a "■" are the main subject, and those marked with an "□" are secondary subjects):

- 1. READING (ENGLISH)
- 2. WRITING (ENGLISH)
- 3. ALGEBRA 2
- 4. CHEMISTRY
- 5. WORLD HISTORY
- 6. LATIN II
- 7. WORLD CULTURAL ARTS
- 8. PHYSICAL EDUCATION

**ASSIGNMENT:** Compare Japan and Europe. Reflect on your 40-day 2013 travels including Narita, Osaka, and Kyoto Japan (and a Japanese part of Hawaii), and your significant contributions in designing Japanese architecture in your publication and keynote talk with your father in Osaka:

Wunderlich, J.T. and Wunderlich, J.J. (2013). **Green architecture and environmental design using rapid-prototyping social-networking sandbox tools, followed by professional architectural software.** *Asian Conference on Sustainability, Energy & the Environment (ACSEE 2013)*, June 6-9, Osaka, Japan.



And reflect on your 3-1/2 week May 2014 trip to Europe when you visited Belgium (Mons and Brussels), Italy (Venice, Padua, and Florence), and England (Windsor Castle, Eton College, a former boy's boarding school, and helped present your publication with your father in London):



Wunderlich, J.T. and Wunderlich, J.J. (2014). **Crowdsourced Architecture and Environmental Design.** *2nd International Conference on Emerging Trends in Engineering and Technology (ICETET'2014)* May 30-31, 2014 London (United Kingdom).



## JOSEPH'S WORK:

Japan and Italy were both very green and environmentally friendly, managed space well, and made to traverse on foot just about everywhere. These qualities I believe are bound to exist in any country with limits of space and resources. Japan is a society that maintains their economy solely based on exports made from foreign imports, thus making skilled workers a valuable commodity. In bigger countries like America, we have so many resources that we can make more than enough money without anyone having to work, which in turn lowers the value of the average skilled worker. This is my best guess.

Italy makes a great deal of money on tourism as one of the most photographed sites in Europe. People in Italy live close together and make use of many public spaces in the same way the Japanese do. Italy also has small decongestive areas as I call them that connect to streets. These small areas off the street usually have a large door entering a gated area such as in Venice, these were popular there. I think these are important because they are a private meeting area for the people living in neighboring apartments.

Humans for many reasons build towns and cities around water, but few utilize water in the way the Venetians do. The Japanese and Venetians both channel water well. The Japanese transport it around gardens and use it for beauty more than the Venetians did, but they transport around their islands on a greater scale, since Japan consists of over 6000 smaller islands aside from the main 4.

Both Japan and Italy had feudal city-states at one point in time, and had fought battles between others in their own country. Later, they had strong militaries and attempted to conquer other nearby countries. Italy had the Roman Empire that expanded, the Venetians later had a military. Japan was isolated until they later tried to conquer other parts of Asia. In WW2 Japan and Italy became allies.

While the Venetian empire was expanding they had influence in the middle east, hence why many buildings in Venice have middle eastern looking arches and other designs.

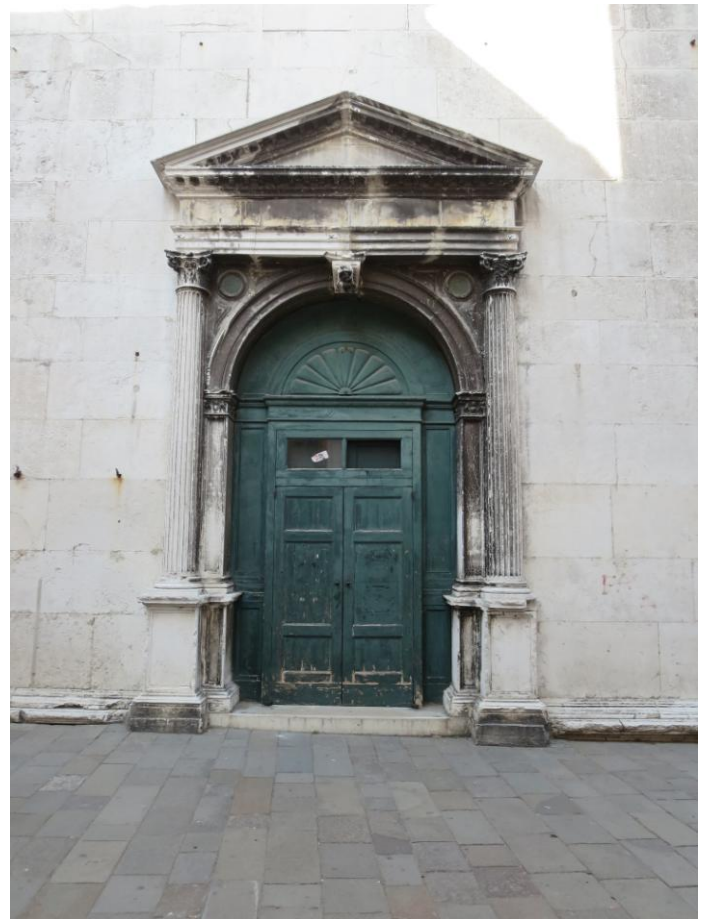




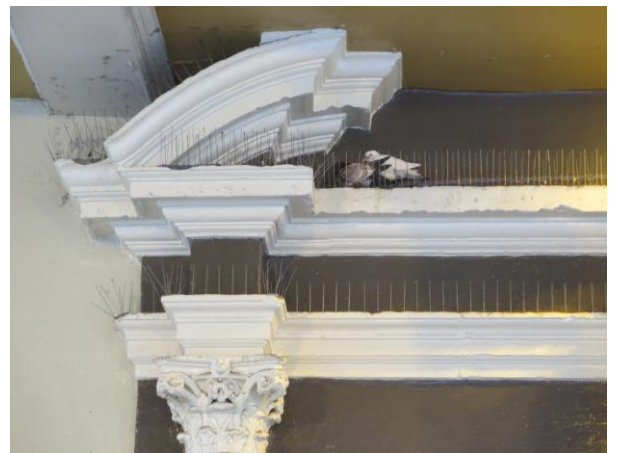




Pictured right is one of my favorite doors in all of Venice. I loved the shade of green that they chose, and the old look of the marble frame really offers an entrance that isn't too grand but looks like it goes somewhere important, I couldn't find another way in.



Pigeons, my new nemesis, were everywhere, especially in England, and I'll tell you why. I hate them because people put these metal or plastic spikes all over ledges and windowsills and it looks absolutely absurd. They don't even work half the time and in the picture to the right these filthy buggers are sitting on a white cornice, which blends in with their feces perfectly, blasphemy. Maybe they were worried that guests to this building were at risk of being shat upon. I hope someone takes notice of this and invents some kind of pigeon spray.



The food in Italy in the back streets where only the Italians seem to eat was where the best food was for half the price it would be in a place like piazza san marco. The Italians make big, warm plates of food to satisfy you over about 3 main courses at most restaurants. Japan had several cups of sauces or meats that you would mix together yourself in some bowls. Main courses in Japan were usually accompanied by 2 smaller sides.