

**New Urban High School  
Geometry Through Art  
Trimester length**

**Teacher Contact Info**

Geometry Art

Bjorn Nelson Kathleen Snyder

Room #141 Room # 16

[nelsonb@nclack.k12.or.us](mailto:nelsonb@nclack.k12.or.us) [snyderk@nclack.k12.or.us](mailto:snyderk@nclack.k12.or.us)

**Course Description**

Art and Geometry are two sides of the same coin. Visual arts are created by combining different shapes to represent a higher meaning or truth, and geometry helps us better understand and apply these shapes. The more we learn about one, the better we know the other.

**Geometry:** The math of the class will consist of graphical representation, triangles, polygons and circles and their application through art.

**Art:** Students will not only create artwork, but also be able to present it with an explanation of the meaning and purpose of it. Students will be able to respond to works of art from culturally diverse artists and make connections to their art. There will be an understanding of how events and conditions influence the arts, and how expression is successful through thought out intentions. Students will assess their own work as well as their colleagues.

**Required Supplies**

-Bring a pen/pencil every day. If you don't have one ask and there may be some around.

-We will be using Interactive Notebooks (INBs) in this class. As this is where we will keep and do all of our work, make sure you have it every day. If you have a spiral notebook bring it, otherwise you will be given one.

-Students are asked to pay a \$10 art fee for supplies, if they cannot pay there will be jobs that they can do to contribute to the class.

**Assignments**

-The learning we will do in class will revolve around creating and critiquing art projects. The math we learn will be used in creating and describing.

-Each project will be critiqued both in terms of the math as well as the piece itself. This critique will serve as the basis for grading for the majority of the class's proficiencies. These projects will possibly range from a few days to a few weeks each.

-We will have a cumulative final at the end of the term with plenty of prep.

-Our formative assessments will be practicing skills in art and Geometry and making connections between them. Summative assessments might look like the completion of a project, your ability to critique yourself and colleagues, and the presentation of your work.

**Proficiency Based Grading**

Proficiency based grading focuses more on what you've learned instead of when you learned it. Main aspects of proficiency based grading:

-It is NOT based on your percent. It's based on showing what you know.

-You have multiple attempts to show proficiency if needed.

-Possible grades are as follows:

- Mastery: Know it so well you could teach it
- Advanced: Gone beyond the basic understanding
- Proficient: The basics necessary for a passing grade

### **Policies and Expectations**

- Attendance: You need to be in the seat to learn the material. This has a huge relation to learning and passing this class!
- Promptness: We have such a short amount of time to learn so much. Make the most of it and be in your seat on time. If you're late, you'll have to go get a late slip as per school policy.
- Behavior: An important part of learning is making mistakes. That being the case, it is vital that we maintain a safe, respectful, and nurturing community with each other. Respect yourself as well as those around you. This will be very important when we start doing art critiques.
- Food/Drink: Drinks must have lids. Food is allowed as long as it's not distracting and you clean up after yourself. If at any point there are more than two dishes left in the sink there will be no eating/drinking in class until the day after they are cleaned up.
- Electronics: This is the biggest threat to your learning. You will get one warning if your phone is out during inappropriate times. After that, you will be given an envelope and it goes to the front office. Failure to do so is a referral. Just be cool yo. Snapchat will still be there at the end of the day.
- You will have a bathroom pass that you will get checked off each time you need to go. If you're going anywhere else you need to get a pass and write in where you are going, the time and purpose. Only one student may leave at a time.
- You are on trial for a seating chart. If you can show respect as a CLASS your seats will be assigned. Since it's expected we collaborate and socialize, please return your attention to the teachers when asked.

### **Academic Support**

Snyder and Nelson are here to help in any way we can. We're both usually at school early and, if planned ahead of time, can meet during lunch or possible after school. If you need help after school, feel free to email either of us.

### **Units**

#### **Art**

Study of composition, layout and design.  
Working towards deadlines.  
Multicultural art history lessons.  
Studies of various art styles and artists.

#### **Geometry**

Building blocks and graph representations  
Triangles  
Polygons  
Circles

### **Classroom Procedures**

- Everyday pull out your INB and take a seat. If you can't find a pencil ask for one.
- Before leaving, make sure your area is as you left it.
- There will be a place to keep you spiral in class. I recommend leaving it here as it will contain everything we have done in class.
- You will be given a folder at the front of the room. Keep anything you want in there. Notes, worksheets, assignments, etc. All past work can be used as a reference so I recommend keeping everything. Also, nobody is perfect. There may be mistakes in posting grades. Keeping old score sheets is in your best interest.