**Lesson Plan Title:** “Space patterns” (Day 1)

**Grade:** 7th

**Time:** 40 minutes (2 lessons)

**Teacher:** Nicole Arencibia (Supervised and edited by William Palm)

**Media:** Colored pencils on paper

**Materials:** Slide show presentation

**Subject Matter:** The ‘balance of nature’ and equilibrium states. In science, every life form is in balance with each other. Even the smallest of changes in one life alters another based on the ‘balance of nature’ theory. This is true in prey/predator relationships, as well as Earth’s ecosystems. It also applies to larger scale worlds, such as outer space.

**Enduring Ideas:** Balance and unity. In life we actually all need to rely on each other for survival. Because of that, we need to learn how to respect and trust each other.

**Theme:** How to use rhythmic lines to create pattern

**Objectives:**

Art Appreciation:

 1. Students will look at artists who have created pattern based on lines found in nature.

Art Planning:

 1. Students will test out the kinds of lines they want to repeat on a small piece of paper before beginning their drawing.

**Procedure:**

Do Now: Look at the image on the board. What kinds of lines do you see? How did the artist make it look like it was moving?

1. Students will take 1 minute to write down their answers and we will discuss it as a class.

2. Show students will see a short slideshow presentation on rhythmic line that creates pattern and how it is found in nature.

3. Students will be shown an image from space and on a small piece of paper play with the kinds of lines they want to use for their final drawing.

4. Students will work independently and move on to the final drawing once they have chosen the kinds of lines they want to use to create movement.

5. Monitor students independently as they work.

6. At end of class, review concepts of lesson.

**Differentiated Instruction:**

* Group instruction
* Individual instruction
* Guided feedback while students practice the rhythmic lines before moving onto final drawing

**Assessments:**

 1. Does student understand what a rhythmic line is? Do they understand how it will create movement visually by repetition and placement?

 2. Does the student understand how patter is not random, but is in all of nature?

**References:**

 1. The Helpful Art Teacher, [http://thehelpfulartteacher.blogspot.com/2012/07/rhythmic-line-designs- and-patterns.html](http://thehelpfulartteacher.blogspot.com/2012/07/rhythmic-line-designs-and-patterns.html)

 2. Photo references of line and pattern in nature

 **Lesson Plan Title:** “Space patterns” (Day 2)

**Grade:** 7th

**Time:** 40 minutes (2 lessons)

**Teacher:** Nicole Arencibia (Supervised and edited by William Palm)

**Media:** Oil pastels on black construction paper

**Materials:** Slide show presentation

**Subject Matter:** The ‘balance of nature’ and equilibrium states. In science, every life form is in balance with each other. Even the smallest of changes in one life alters another based on the ‘balance of nature’ theory. This is true in prey/predator relationships, as well as Earth’s ecosystems. It also applies to larger scale worlds, such as outer space.

**Enduring Ideas:** Balance and unity. In life we actually all need to rely on each other for survival. Because of that, we need to learn how to respect and trust each other.

**Theme:** How to use oil pastels and the different techniques

**Objectives:**

Art Appreciation:

 1. Students will look at artists who have used oil pastels to create nature- related work.

Art Planning:

 1. Students will test out the kinds of lines they want to repeat on a small piece of paper before beginning their drawing.

Art Creating:

 1. Students will learn how to use oil pastels through several different techniques.

 2. Students will create rhythmic lines to create pattern.

**Procedure:**

Do Now: Look at the rhythmic lines you drew from last class. Do you like the lines you created? Or should you use different ones? Should they be placed differently?

1. Have students set up their tables to use oil pastels.

2.Allow students to look at their work from the other day for a couple of minutes.

3. Demonstration on how to use oil pastels.

4. Students will work on final drawing

**Differentiated Instruction:**

* One-on-one instruction
* Group instruction
* Guided feedback during oil pastel demonstration (students will be asked questions during it so I know their understanding)