Fibonacci Sequencing Art Lesson Plan

	•	encing Art Lesson Plan
Grade: Thir		Subject: Language Arts/Literacy, Math, and Visual Arts
	Different colors of construction paper, white paper, rulers	5, Technology Needed: None
pencils, glu	ie, and scissors	
Instruction	al Strategies:	Guided Practices and Concrete Application:
GuideGuideSocrat	instruction Peer teaching/collaboration/ d practice cooperative learning tic Seminar Visuals/Graphic organizers ing Centers PBL	Large group activity Hands-on Independent activity Technology integration Pairing/collaboration Imitation/Repeat/Mimic
Lectur	re Discussion/Debate ology integration Modeling	 Simulations/Scenarios Other (list) Explain:
Standard(s)	Differentiation
characters;	stablish a situation and introduce a narrator and/or organize an event sequence that unfolds naturally. Generate measurement data by measuring lengths using	Below Proficiency: Above Proficiency:
VA:Cr2.3.a	xed with halves and fourths of an inch. – Create artwork using a variety of artistic processes and	Approaching/Emerging Proficiency:
	y constructing representations, diagrams, or maps of are part of everyday life.	Modalities/Learning Preferences:
sequence is By the end understance each circle By the end Sequence A	s) of the lesson, students will be able to identify what a s by completing their Fibonacci Sequence Artwork. of the lessons, students will demonstrate their ding of measurement by measuring the correct sizes for used for the artwork. of the lesson, students will complete their Fibonacci Artwork using the materials provided.	Å
After the at their desks their desks distracted of tire. The te like the tire Fibonacci S	Management- (grouping(s), movement/transitions, etc.) fternoon meeting has ended, the students will move to for whole group instruction. The students will be seated a during the whole group lesson. If the students become during the lesson, the teacher will use the verbal que of fla acher will say, "Flat tire." The students will say, "Pshhh" e is losing its air. When the students are working on their requence Art, the teacher will walk around the room to students understanding along with seeing if they need help	 the lesson, rules and expectations, etc.) The students will stay seated in their desks during the whole group lesson If a student has a question, they will raise their hand and wait to be called on When a student is answering a question, the must raise their hand and wait to be called on and wait to be called on and answer the question at a voice level 1
Minutes	Procedures	
1-2	Procedures Set-up/Prep: The teacher will gather the needed materials for the lesson: different colors of construction paper, white paper, rulers, pencils, glue, and scissors.	
1-2	 Engage: (opening activity/ anticipatory Set – access prior learning / stimulate interest /generate questions, etc.) The teacher will say, "Today we are going to do an art project which involves sequencing. Can anyone tell me what sequencing means?" Sequencing is doing things in order (step by step) 	
		t today, we need to listen to directions closely as you (the students) will be

	Explain: (concepts, procedures, vocabulary, etc.)		
12-15	The teacher will say, "Today we are going to do an art project called Fibonacci Art. This type of art involves sequencing which		
	means there are steps we have to follow in order so we are able to complete the art project. If the steps are not followed in order,		
	then the art project may not work which is why it is important that we are listening to the directions I will be giving in ord		
	The teacher will say, "Before we start our art project, we are going to briefly discuss the Fibonacci sequence which involves		
	numbers so we are able to better understand the process of how we are going to create Fibonacci Art.		
	 "Does anyone know what the Fibonacci sequence is?" 		
	Named after Leonard Fibonacci		
	 Each number is the sum (+) of the previous two numbers 		
	• Beings with number 1		
	• Write sequence on white board for students to visually see the sequence: (leave on white board)		
	 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, ect. 		
	• 1+1=2		
	• 1+2=3		
	• 2+3=5		
	• 3+5=8		
	• 5+8=13		
	• $8 + 13 = 21$		
	• $13 + 21 = 34$		
	• 21 + 34 = 55		
	• Ect.		
	 The sequence continues for forever 		
	The teacher will say , "Now that we have discovered the sequence in the Fibonacci sequence, we are now going to create our Fibonacci Art project. There are six steps we must follow so we are able to create this project which we can see because we have six		
	different colored pieces of paper."		
	Show example (Appendix A) and reference throughout the process of stating each step		
	• When describing each length of each circle, model how to measure on a piece of paper by drawing a piece of paper on		
	the white board and complete the measuring process on the "piece of paper"		
	• The six steps for measurement:		
	 First, take one piece of colored paper and measure so you circle is 8 inches in diameter (length) and has a radius of 4 inches (half). You will mark the middle of the circle then measure four inches from the middle of the circle on both sides, do this for the top and bottom as well. 		
	 Next, take a second piece of colored paper and measure so your circle is 5 inches in diameter (length) and has a 		
	radius of 2.5 inches (half). You will mark the middle of the circle then measure four inches from the middle of the circle on both sides, do this for the top and bottom as well.		
	3. Then, take a third piece of colored paper and measure so your circle is 3 inches in diameter (length) and has a		
	radius id 1.5 inches (half). You will mark the middle of the circle then measure four inches from the middle of the circle on both sides, do this for the top and bottom as well.		
	4. Next, take a fourth piece of colored paper and measure so your circle is 2 inches in diameter (length) and has a		
	radius of 1 inch (half). You will mark the middle of the circle then measure four inches from the middle of the circle on both sides, do this for the top and bottom as well.		
	5. Then, take a fifth piece of colored paper and measure so your circle is 1 inch in diameter (length) and has a		
	radius of 1/2 inch (half). You will mark the middle of the circle then measure four inches from the middle of the circle on both sides, do this for the top and bottom as well.		
	 Last, take your last piece of colored paper and measure so your circle is 1 inch in diameter (length) and has a 		
	radius of 1/2 inch (half). You will mark the middle of the circle then measure four inches from the middle of the		
	circle on both sides, do this for the top and bottom as well.		
	 Write steps on the white board for measurement: 		
	 First, measure a circle that is 8 inches in diameter and has a radius of 4 inches (half). 		
	 Next, measure a circle that is 5 inches in diameter and has a radius of 2.5 inches (half). 		
	 Then, measure a circle that is 3 inches in diameter and has a radius of 1.5 inches (half). 		
	 Next, measure a circle that is 2 inches in diameter and has a radius of 1 inch (half). 		
	 Then, measure a circle that is 1 inch in diameter and has a radius of 1/2 inch (half). 		
	 Last, measure a circle that is 1 inch in diameter and has a radius of 1/2 inch (half). 		
	While the teacher is going through the steps, ask the students if they are seeing the sequence of the numbers by either looking at the diameter (length) or at the radius (half).		
	The teacher will say, "Now that I have given you the steps in order, known as sequencing, you (the students) will now create your		
	own Fibonacci Art."		

Fibonacci Sequencing Art Lesson Plan Explain: (concepts, procedures, vocabulary. etc.)

٦

Fibonacci Sequencing Art Lesson Plan

	 "As you see in my example, that is how I chose to place my circle on the white piece of paper. You (the students) can place your circles on the white piece of paper however you would like." Examples: 		
	• Examples:		
	 All circles could be touching so Some circles are touching 	omenow	
	 Some circles are touching Circles are not touching and a 	re spread out on the paper	
	 Process (Write on white board if there is room): 		
	 First, measure the six circles 		
	,	rements on the back of each circle if they choose to help with staying	
	• Next, cut out the six circles		
	• Then, glue the circles on the white piece of paper in the order they choose to do so		
	 Last, students will write their names on 	their art project	
	The teacher will say, "Repeat after me." (Students will repe	at after the teacher.)	
	 For my Fibonacci Art, I will follow the six steps for measuring my circles, cut out the circles after measuring them, and 		
	arrange and glue the circles how I would like. I wil	l write my name on my art project."	
	Explore: (independent, concreate practice/application with	n relevant learning task -connections from content to real-life	
20-25	experiences, reflective questions- probing or clarifying que		
	The students will create their Fibonacci Art		
	If the students finish early, I will have them create their own	number sequence just as Leonardo Fibonacci did	
	Review (wrap up and transition to next activity):		
1-2	Have the students discuss with a peer about their artwork of how they decided to arrange the circles on their white piece of paper		
	Have the students discuss why it is important to follow step	s in order (sequencing)	
_			
	Assessment: (linked to objectives)	Summative Assessment (linked back to objectives)	
Progress	Assessment: (linked to objectives) monitoring throughout lesson- clarifying questions,	Summative Assessment (linked back to objectives) End of lesson:	
Progress check-	monitoring throughout lesson- clarifying questions,		
Progress	monitoring throughout lesson- clarifying questions,		
Progress check-	monitoring throughout lesson- clarifying questions,	End of lesson:	
Progress check- in strateg	monitoring throughout lesson- clarifying questions, gies, etc.	End of lesson:	
Progress check- in strateg	monitoring throughout lesson- clarifying questions,	End of lesson:	
Progress check- in strateg Consider	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan:	End of lesson: If applicable- overall unit, chapter, concept, etc.:	
Progress check- in strateg Consider	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?):	
Progress check- in strateg Consider Reflection After teach	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you ning this lesson and looking back at how it went, it went alrigh	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become	
Progress check- in strateg Consider Reflection After teach comfortab	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you ning this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become integrated it with language arts and art so it was a little difficult for me	
Progress check- in strateg Consider Reflection After teach comfortabl to find the	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you ning this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become	
Progress check- in strateg Consider Reflection After teach comfortabl to find the explaining helped exp	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you ning this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I olain it to the students which I was grateful for. Once she better	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to	
Progress check- in strateg Consider Reflection After teach comfortabi to find the explaining helped exp measure ea	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you ning this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I olain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were	
Progress check- in strateg Consider Reflection After teach comfortabl to find the explaining helped exp measure et supposed t	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you ning this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I olain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t to be doing with each color of paper which was measuring a d	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were ifferent sized circle on each color of paper. The students were able to	
Progress check- in strateg Consider Reflection After teach comfortabl to find the explaining helped exp measure et supposed to follow the	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you ning this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I olain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t to be doing with each color of paper which was measuring a d directions that I wrote on the white board in sequence as that	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were lifferent sized circle on each color of paper. The students were able to a was the language arts concept they were learning about. After they	
Progress check- in strateg Consider Reflection After teach comfortab to find the explaining helped exp measure ex supposed to follow the finished on	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you ning this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I olain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t to be doing with each color of paper which was measuring a d directions that I wrote on the white board in sequence as that he step, they moved onto the next until all of their circles were	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were ifferent sized circle on each color of paper. The students were able to the was the language arts concept they were learning about. After they e cut out and were ready to glue them onto the white piece of paper in	
Progress check- in strateg Consider Reflection After teach comfortabl to find the explaining helped exp measure ea supposed t follow the finished on the order a	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you hing this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I olain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t to be doing with each color of paper which was measuring a d directions that I wrote on the white board in sequence as that he step, they moved onto the next until all of their circles were as they cut them out in. As I wrote out each step on the white	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were ifferent sized circle on each color of paper. The students were able to t was the language arts concept they were learning about. After they e cut out and were ready to glue them onto the white piece of paper in board, I could tell this helped the lesson greatly because the students	
Progress check- in strateg Consider Reflection After teach comfortab to find the explaining helped exp measure ea supposed t follow the finished on the order a were able to	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you hing this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I olain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t to be doing with each color of paper which was measuring a d directions that I wrote on the white board in sequence as that he step, they moved onto the next until all of their circles were as they cut them out in. As I wrote out each step on the white to visually see what they were supposed to be doing for each	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were ifferent sized circle on each color of paper. The students were able to t was the language arts concept they were learning about. After they e cut out and were ready to glue them onto the white piece of paper in board, I could tell this helped the lesson greatly because the students step rather than having to listen to the teacher explaining each step	
Progress check- in strateg Consider Reflection After teach comfortabi to find the explaining helped exp measure ea supposed t follow the finished on the order a were able to which help	monitoring throughout lesson- clarifying questions, gies, etc. ation for Back-up Plan: (What went well? What did the students learn? How do you hing this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I blain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t to be doing with each color of paper which was measuring a d directions that I wrote on the white board in sequence as that he step, they moved onto the next until all of their circles were as they cut them out in. As I wrote out each step on the white to visually see what they were supposed to be doing for each we with their reading comprehension skills. The students had	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were ifferent sized circle on each color of paper. The students were able to t was the language arts concept they were learning about. After they e cut out and were ready to glue them onto the white piece of paper in board, I could tell this helped the lesson greatly because the students step rather than having to listen to the teacher explaining each step to read the step then complete it as it was written. The last thing that	
Progress check- in strateg Consider Reflection After teach comfortabl to find the explaining helped exp measure ea supposed t follow the finished on the order a were able to which help went well of	monitoring throughout lesson- clarifying questions, gies, etc. Tation for Back-up Plan: (What went well? What did the students learn? How do you hing this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I blain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t to be doing with each color of paper which was measuring a d directions that I wrote on the white board in sequence as that he step, they moved onto the next until all of their circles were as they cut them out in. As I wrote out each step on the white to visually see what they were supposed to be doing for each bed with their reading comprehension skills. The students had during the lesson was watching the students create their Fibo	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were ifferent sized circle on each color of paper. The students were able to t was the language arts concept they were learning about. After they e cut out and were ready to glue them onto the white piece of paper in board, I could tell this helped the lesson greatly because the students step rather than having to listen to the teacher explaining each step	
Progress check- in strateg Consider Reflection After teach comfortabl to find the explaining helped exp measure ex supposed t follow the finished on the order a were able t which help went well of they wanter	monitoring throughout lesson- clarifying questions, gies, etc. Tation for Back-up Plan: (What went well? What did the students learn? How do you hing this lesson and looking back at how it went, it went alrigh le with teaching the lesson. I have not taught math before and correct language to use to help the students better understar what the students needed to do to measure each circle and I blain it to the students which I was grateful for. Once she bette ach circle, the lesson went much better. The students began t to be doing with each color of paper which was measuring a d directions that I wrote on the white board in sequence as that he step, they moved onto the next until all of their circles were as they cut them out in. As I wrote out each step on the white to visually see what they were supposed to be doing for each bed with their reading comprehension skills. The students had during the lesson was watching the students create their Fibo	End of lesson: If applicable- overall unit, chapter, concept, etc.: know? What changes would you make?): t. I did enjoy teaching the lesson, but it took me a little bit to become d integrated it with language arts and art so it was a little difficult for me and the content. At the beginning, I began to teach the math portion of could not find the right language to use so Mrs. Hoffer stepped in and er explained to the students of what I was wanting them to do to o enjoy the art lesson as they better understood of what they were ifferent sized circle on each color of paper. The students were able to a was the language arts concept they were learning about. After they e cut out and were ready to glue them onto the white piece of paper in board, I could tell this helped the lesson greatly because the students step rather than having to listen to the teacher explaining each step to read the step then complete it as it was written. The last thing that hacci Art project by gluing the circles on the white piece paper however m out. It was great to see how the students' glued each circle on the	

From this lesson, the students learned a few new things. First, they learned what the Fibonacci Sequence is by visually seeing the number sequence written on the white board by the teacher and listening to the teacher explain the concept. From this, the students learned that sequencing is not only by following steps, but in numbers as well by seeing how the first two numbers are the sum of the following number and so on. Second, the students learned how to measure the diameter of each circle in inches by seeing the teacher model it on the white board a couple of times then measure the rest of the circles on their own. This helped me see what students were able to grasp onto the content and what they were supposed to do and what students needed some extra guidance with measuring each circle. Most of the students understood how to measure the circles, whereas a few students needed some extra guidance which helped me see their thinking process while working through it with them. Third, the students learned how to follow clear and concise directions by reading each step that was written out on the white board. As they completed each step, they moved onto the next one until all of their circles were measured correctly and then cut out.

Fibonacci Sequencing Art Lesson Plan

From this, the students were able to see a sequence writing of what to do first, next, then, and last which added to their knowledge of sequencing which they will be working on throughout the week. Lastly, the students learned how to create a Fibonacci Art project by following each step correctly throughout the art project. This helped the students learn how to look back at previous instructions after they had cut out each circle to know what order the circles needed to be glued on the piece of paper. Once the students were able to do that, their result was creating a Fibonacci art piece.

After teaching my lesson, there are a few things I would change or add to my lesson if I were to teach it again. The first thing I would change would be how I would explain what the students need to do to measure each circle. As I stated above, I struggled with finding the correct language to use to help the students understand how I wanted them to measure each circle. For this, I would become better prepared with the correct use of language such as, "Frist I want you to mark the center of your paper with a dot then place the 4-inch mark on your ruler below that dot. Since we are measuring a circle that is 8 inches long, I want you to place a dot on the 8-inch mark and the 0-inch mark because half of 8 is four so we need four inches in between each mark. Now that you have three dots on your paper, we need to place two more dots going vertically. Once again, place your ruler going vertically under the center dot at the four-inch mark, then make a dot on the 8-inch mark and then another dot on the 0-inch mark. Now that you have 5 dots, make a circle out of those dots." This is the language I would use or something similar to it and would continue to use when measuring the rest of the circles. The second thing I would change would be modeling how to measure two-three circles for the students then having them do the rest on their own. My original plan was to just measure one circle then have the students complete the rest on their own, but as I noticed they did not quite understand, I continued to model two more circles for them which helped with their understanding. The third thing I would change would be taking the circles from my example and placing them next to each step that is written on the white board so the students would know what size each circle is supposed to be. This would help them know that they are measuring the circles correctly and are able to move onto the next step. The last thing I would change would be writing each step on the board as the students move from circle to circle. I noticed that when I continued to write each step on the board, it became too much for some of the students and they became lost/confused of what step they were on as there was a lot of writing on the board. This will help the students not feel as rushed while working on their art project.

Fibonacci Sequencing Art Lesson Plan Appendix A

