

Lesson Plan Template

Lesson Segment Focus Identifying Geometric Shapes-Interactive Game **Lesson** 1 of 1
Course & topic addressed Mathematics-Geometry-Shapes **Date** 10/24/18 **Grade** K

Student Outcomes

Specific learning objectives for this lesson.	Students will correctly identify geometric shapes while playing a game.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students have been learning what each shape looks like.
Knowledge of students background (personal, cultural, or community assets)	n/a

State Academic Content Standards

List the state academic content standards with which this lesson is aligned. Include state abbreviation and number & text of the standard.	Mathematics/Geometry: Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres) AR.Math.Content.K.G.A.2 Correctly name shapes regardless of their orientations or overall size
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Academic Language Support

What planned instructional supports might you use to assist students to understand key academic language to express and develop their content learning? What will you do to provide varying supports for students at different levels of academic language development?	As an instructional support I may have for students is class models of each shape displayed at various places in the room, also I will need to review the names of all the different shapes the class has been learning about.
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Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	Shape, Square, Circle, Triangle, Rectangle, Hexagon, Cube, Cone, Cylinder, Sphere
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Materials

Materials needed by teacher for this lesson.	Teacher must create and provide an interactive shape game for students to play using PowerPoint.
Materials needed by students for this lesson.	Students will need to use a computer, during their technology center time, to use to play the Shape Game.

Lesson Timeline with Instructional Strategies & Learning Tasks (**This should be VERY DETAILED**)

Amount of Time	Teaching & Learning Activities	Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
2 minutes	<u>Introduction:</u>	<p>“Class, since we have been learning about different kinds of shapes, today each one of you will get the opportunity to play a shape game on the computers when you get your turn at the technology center. Before we go to centers, let’s talk about some shapes. Who can give me an example of a shape? Can you describe a cone for me? What is another shape? Would you be able to draw that on the board for us? What is this shape?”</p> <p>This provides a quick review of shapes for students before they go to centers.</p>
	<u>Instruction:</u>	<p>When each set of students arrive at the computers for their turn at the technology center, I will give them instructions for the game.</p> <p>“Ok today you are going to play the shape game, this is the icon you click on to open the game. Now you will click on the arrow at the bottom to go to the next page and when you are on a question you will click on the answer that you think is correct. When you get to the correct or incorrect pages you can click the arrow at the bottom to return to the question, please keep answering each question until you get it correct, once you have gotten it correct and return back to that question, just click on the arrow at the bottom to move to the next question. On the final question, you will see a thumb’s up arrow at the bottom of the page instead of an arrow, click on it and it will take you back to the beginning. If you still have time at this center, you may play again if you wish. If you have any questions and need help, just raise your hand and I will come back to assist you, have fun!”</p> <p>Centers continue until every group has had a time on the computers playing the shape game, as each new set of students arrive to the technology center, the teacher will come back to give instructions.</p>

Amount of Time	Teaching & Learning Activities	Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
	Closure:	Once center-time is complete, I will discuss the shape game with the class. “Alright boys and girls, did you all like the shape game? How did you do, did you get most questions correct? What shape did you struggle with? What was your favorite part about the game? Would you all like to play this game again at another time?”

Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	I may have to modify instruction for students who need it. I may need to sit with some students as they play the shape game. I may have to give some students a quick one-on-one review of each shape before they play the shape game. For other students, I may need to give them instructions in writing to keep by their computers as a reminder.
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Differentiation:

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	To ensure the needs of my more advanced students are met, I may ask them to help me create and add shapes to the shape game. To meet needs of struggling students I may have to give them a few minutes with physical examples of each shape to job their memories of what each shape is.
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Assessments: Formative and/or Summative

Describe the tools/procedures that will be used in this lesson to monitor students' learning of the lesson objective/s (include type of assessment & what is assessed).	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	
	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	
	<input type="checkbox"/> Formative / <input type="checkbox"/> Summative	

Research/Theory

Identify theories or research that supports the approach you used.	
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Lesson Reflection/Evaluation

What went well?	<i>TO BE FILLED IN AFTER TEACHING</i>
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What changes should be made? How will I use assessment data for next steps?	
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Include supporting material such as slides, pictures, copy of textbook, and handouts for any activities students will be using as part of your lesson.

*adapted from: <http://webcache.googleusercontent.com/search?q=cache:EsQcNWuG1ZoJ:web.mnstate.edu/harms/StudentTeachers/edTPA-LessonPlan.doc+&cd=2&hl=en&ct=clnk&gl=us>; <http://www.moreheadstate.edu/getmedia/cd3fd026-939f-4a47-a938-29c06d74ca01/Lesson-Plan-and-Reflections.aspx>; <http://www.mcneese.edu/f/c/9cb690d2/Lesson%20Plan%20Rubric%20Aligned%20with%20InTASC.docx>; <https://www.uwsp.edu/education/Documents/edTPA/Resource12.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11a.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/LessonPlanTemplateSOE.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanGuide.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanTemplate.docx>