

Name Molly James

Lesson Plan Template

Lesson Segment Focus CodeKarts Lesson 3 of 3

Course & topic addressed Operations and Algebraic Thinking Date May 14, 2019 Grade 3

Student Outcomes

Specific learning objectives for this lesson.	Generate and analyze patterns
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	We have gone over coding in the past, so the students will know what it means to decode.
Knowledge of students background (personal, cultural, or community assets)	

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.	Arkansas Department of Education Standards Handbook Grade 3 AR.Math.Content.4.OA.C.5
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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?	To help my students, I will call them to the back in groups of 4 to see how they are using the app to pass the levels. I will also ask them to bring their worksheets so I can see where they are. If they are not on task, I will work with them one on one.
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Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	Coding, Decoding, code, decode, Operations, algebraic
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Materials

Materials needed by teacher for this lesson.	A lesson over coding.
Materials needed by students for this lesson.	Their school iPads, a pencil, and their math worksheet

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.
10min	<u>Introduction:</u>	I will pass out the math worksheets and begin talking about coding to the class. This will be a mini lesson to start out the main lesson
25-30min	<u>Instruction:</u>	The students will get on their CodeKart app and begin playing the go kart game and pass to level 10. Once they finish these levels, they can begin working on their worksheet that has other examples of coding on them.
5min	<u>Closure:</u>	I will end this lesson by asking my students to turn in their worksheets and put their iPads away.

Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	.
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Differentiation:

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	For my students, I will have a lesson over coding and decoding to talk about and lecture to the class. The other students might learn from using this app, since it is in a game form.
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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? What changes should be made? How will I use assessment data for next steps?	<i>TO BE FILLED IN AFTER TEACHING</i>
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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>;
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