

Lesson Plan Template

Lesson Segment Focus: Using the Swift Playgrounds App Lesson 1 of 1

Course & topic addressed: Learning How to Code **Date: 11/12/2018** **Grade 3rd**

Student Outcomes

Specific learning objectives for this lesson.	Learning how to code!
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students will have no prior knowledge on coding and this will be a first learning experience.
Knowledge of students background (personal, cultural, or community assets)	No background is needed from the students to achieve on this app/lesson.

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.	A.7.3.1 Create algorithms to accomplish a simple task or solve a simple problem
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Academic Language Support

<p>What planned instructional supports might you use to assist students to understand key academic language to express and develop their content learning?</p> <p>What will you do to provide varying supports for students at different levels of academic language development?</p>	<p>I will make sure that students understand the coding commands and what they mean to achieve the coding app.</p> <p>I will write the commands on the board with their actions to help students remember their meanings easier.</p>
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Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	<p>Commands from the app will be the vocabulary that the students will need to know.</p> <p>There are many things in the app that are the codes so be precise.</p>
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Materials

Materials needed by teacher for this lesson.	30 iPads for students
Materials needed by students for this lesson.	Nothing is required for the student. They just need to be there and ready to code!

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

Time	Instructional Strategies & Learning Activities	What YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
	<u>Introduction:</u>	Provide information on coding to help better explain what coding is. Show a sample of coding games and demonstrate it on the board. This could be a fun activity for all involved.
	<u>Instruction:</u>	THEM CODE!!! GIVE THEM 40 MINUTES TO GET ACQUAINTED WITH THE APP AND TO LEARN HOW TO CODE.
	<u>Closure:</u>	Ask what the students learned about coding and what problems they encountered when using the app. Whether they liked it or not and what Pros and Cons the app had.

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Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	None
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Differentiation:

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	<p>I could have the instructions on the White Board written out</p> <p>I could have them printed on a sheet of paper for the students to have by them at all times.</p> <p>I could announce the instructions aloud for them as well, multiple times.</p>
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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;>
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