Lesson Plan Template

Lesson Segment Focus__Analyze data and make determinations if our observations are correct. Lesson ____2____of___5____

Course & topic addressed: Use Swift Playground coding app to analyze and determine if date operates correctly.
Date: 10/17/2019 Grade:__2

Student Outcomes

Specific learning objectives for this lesson.	TSW use the Swift Playground app to analyze how Byte functions, command him to operate and share observations.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	This is an introduction to the coding app and the connection between observations and collecting and recording data.
Knowledge of students background (personal, cultural, or community assets)	TSW use prior knowledge to make observations and collect and record data about the app and Byte.

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.	2-PS1-2 - Analyzing and Interpreting Data Analyzing data in K–2 builds on prior experiences and progresses to collecting, recording, and sharing observations. ♣ Analyze data from tests of an object or tool to determine if it works as intended.

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?	Step by step instructions verbally and in writing, teacher guidance throughout activity with hands on participation

Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	**Coding, analyze, interpret, observe, record, progress**

Materials

Materials needed by teacher for **this lesson**.	Swift Playground App, overhead projector
Materials needed by students for **this lesson**.	Pencil and paper

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.
15min	**Introduction**:	TTW introduce the students to the Swift Playground app and its functions. She will then inform the class that they will be watching and participating in Byte's actions. They will record data, make observations, analyze information and determine outcomes. TSW will document all of their information.
1HR	**Instruction:**	TTW code Byte to do specific actions within multiple playgrounds with the suggestions of the students. She will assist them and making their observations and analyzing their data. TSW record all assumptions, thoughts, suggestions and perceptions as well as the outcomes.
10min	**Closure:**	TTW collect student data for review and grading.

Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	Modifications for this lesson could be a more hands-on, one on one approach during intervention Students could receive additional time. Pairing a struggling student with an advanced student may help as well.

Differentiation:

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	Assigning an advanced student with a struggling student for support, assigning specific tasks based on the student's level, allowing students to work alone or with the teacher, and moving students to specific areas of the room are some alternatives to ensure all students are getting what they need.

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).	☐ Formative /X Summative	Students will be evaluated once activity is complete based on the information written and participation during activity.
	☐ Formative /☐ Summative	
	☐ Formative /☐ Summative	

Research/Theory

Identify theories or research that supports the approach you used.	

Lesson Reflection/Evaluation

What went well? What changes should be made? How will I use assessment data for next steps?	*TO BE FILLED IN AFTER TEACHING*

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