Name __Leticia Caballero_____

Lesson Plan Template

Lesson Segment Focus __Minilesson_____   **Lesson _1_ of _1_**

Course & topic addressed _Science & Information Technologies and Instrumentation_   Date _12/4/18_ Grade ___4th___

Student Outcomes

Specific learning objectives for this lesson.	Students will be exposed to coding. The students will learn how to code.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students will have to follow instructions and will use the knowledge they learned about electromagnetic waves (how signals are received and travel from long distances).
Knowledge of students background (personal, cultural, or community assets)	Students need to use their knowledge on technology such as how do they use technology and how to create sequences to create certain instructions.

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.	PS4.C: Information Technologies and Instrumentation

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?	N/A

Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	**N/A**

Materials

Materials needed by teacher for **this lesson**.	Electronic device, online tool (Flipgrid) and Puzzlet (Cork the Volcano)
Materials needed by students for **this lesson**.	N/A

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.
5-10 minutes	**Introduction**:	N/A
	Instruction:	**Minilesson:** Students will have the opportunity to play Cork the Volcano to learn more about how coding works. Students will be in groups of at least students per group. As a group they will decide what solution to create to pass each level. After the students are done playing, they will have to create a reflection video. Each student will create a short video explaining what they learned while playing Cork the Volcano and what did they like or dislike. The students will use the online tool Flipgrid (video discussion platform) to record the video and share it with the class.
	Closure:	N/A

Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	N/A

Differentiation:

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	N/A

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 / ☐ Summative	
	☐ 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.