

Name Katy King

Lesson Plan Template

Lesson Segment Focus Human Impacts

Lesson _____ of _____

Course & topic addressed Sixth Grade Science

Date 03/01/19

Grade 6th

Student Outcomes

Specific learning objectives for this lesson.	The students will learn about different ways humans have impacts on the environment and what they can do about it.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	Students know the significance of recycling plastics.
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.	6-ESS3-3 Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.
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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 assist students in understanding key academic language, I will create a semantic map. This way, we will be able to work through words that they may not know the meaning of. They will also be able to take away the meaning in multiple different contexts. This will allow students who may be at different levels of academic language development to be able to have several forms of the word and not just one definition.
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Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	<ul style="list-style-type: none">• Refuse• Reduce
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	<ul style="list-style-type: none"> • Reuse • Recycle • ROT • Pollution
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Materials

Materials needed by teacher for this lesson.	Used Plastic Bottles Paint Scissors Glue
Materials needed by students for this lesson.	iPads—Mimo: Learn to Code App Pencil 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.
5-10 mins.	<u>Introduction:</u>	For the introduction, I will introduce the concept of reusing plastic bottles by creating a semantic map with the students. I will give them a sheet so that they can keep it in their folders. We will go over the appropriate vocabulary.
35 mins.	<u>Instruction:</u>	I will show students by model of taking an old plastic bottle and making an organizer out of it. I will explain to them that instead of just throwing their bottles away or even recycling it, they can take it and create something out of it. They can put pencils, pens, make up brushes, paint brushes, etc. into these containers. After creating their containers and decorating them, students will get their iPads and get on the Mimo: Learn to Code app. On this app, they will go the build an iOS app. On this app, they will be able to upload their pictures of what they created and they can provide information on the importance of recycling. This is something that will take longer than just one day, but they will be able to revisit it with new information and maybe even new creations. This will allow others to have access to information on the importance of human impact and easy ways to contribute to saving our planet.

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 mins.	Closure:	Students will be able to show their creations to a partner and also show their app and the content they chose to add.

Accommodations/Modifications

How might I modify instruction for: Remediation? Intervention? IEP/504? LEP/ESL?	.For students with learning disabilities, I will already have their bottles cut and ready to go for them. Also, for the app, I will put them with a partner so that they can work on it together.
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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 make sure that all students needs are being met, I will walk around and be able to answer any questions they may have whether it's about their creation or about their apps.
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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	
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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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