



Marketplace for Kids Lesson Plan Template

Teacher Name: Delyte Lee
 Williston School
 Date: 06.06.16

Lesson Plan Title:	Marketplace for Kids Inventions
Introduction:	Watch Brainpop videos on inventors Provide books and magazines about inventors and inventions for the classroom.
Subject Area:	Science, research, writing
Time Required:	Minimum of ½ hr. a day from Feb 29-April 15
Plan:	<ul style="list-style-type: none"> • Watch Brainpop videos – Inventors (15 minutes) https://www.brainpop.com/science/energy/thomasedison/ https://www.brainpop.com/science/famousescientists/leonardodavinci/ • Read books about inventions (30 minutes) Read to class inventions about Velcro, post-it notes, ice cream cones Read Section 3 booklet, “Inventions, Innovations, & Crazy Contraptions – Yes, You Can Invent” (45 minutes) • Brainstorm invention ideas (30 minutes) • Research inventions on the computer (45 minutes) • Choose one idea for invention (get parental approval) • Choose a title • Write the <u>purpose</u> (description) (30 minutes) • Write the <u>problem</u> (30 minutes) • List the <u>materials</u> needed for the invention (45 minutes) • Write the <u>procedure</u> for making the invention (45 minutes) Step-by-step order • Start making invention Take pictures or draw illustrations or make graphs • Complete the invention • Write <u>results</u> (30 minutes) If doing test trials, must have at least three trials • Write the <u>conclusion</u> (30 minutes) Did your invention work? Why or why not?

	<ul style="list-style-type: none"> • Bring invention to school • Bring pictures, illustrations, or graphs to school • Choose a display board Choose three colors for display board <p>Type Information in School</p> <ul style="list-style-type: none"> • Type Title and Purpose (20 minutes) • Type Procedure (30 minutes) • Type Results (20 minutes) • Type Conclusion (20 minutes) <ul style="list-style-type: none"> • Assemble display board (6 hours class time over a week) • Display your invention at Marketplace for Kids • Display your invention for McVay School third and fourth graders <p>Total Time: 14 ¾ hours</p>
Evaluation:	<p>Rubric Present inventions at Marketplace for Kids Present inventions to 3rd and 4th graders</p>
Materials / Resources Needed:	<p>Brainpop video Books on inventors, inventions Magazines – Kids Discover: Inventions, Time for Kids and Inventions of the Year (January, 2016 issue)</p>
<p>Reflection & Application: What new concepts, strategies, etc. were most meaningful and thought provoking to you as a learner?</p> <p>Each year, there are one or two students who invent something I feel should be presented at the Bright Ideas Showcase & Contest at the State Fair and/or apply for a patent.</p> <p>How will you implement the new learning into your classroom/work situation?</p> <p>Teach and require students to follow the step-by-step process for inventing. Stress to students the importance of documentation (log/journal) during the process.</p>	



Marketplace for Kids Lesson Plan Template

Teacher Name: Jennifer Schmitt
 Napoleon School
 Date: 4.18.16

Lesson Plan Title:	Future Jobs
Introduction:	What do you want to be when you grow up?
Subject Area:	Social Studies/Life Skills
Time Required:	3-4 hours/periods
Plan:	<p>1st Brainstorm Jobs – each student does this by themselves Need at least 15 jobs listed</p> <p>2nd Make a class list on the board/30-45 minutes</p> <p>3rd – Do the JobLand Quiz online – This is a quiz the students take to see where their interests are: what jobs would be good for them/30-40 minutes</p> <p>4th – Look at the results: pick 3-4 job areas to research</p> <p>5th – Research the jobs they picked: What things will they be doing? What kinds of college or high school classes will they need? Where will they work? Write a report or paper on their findings.</p> <p>6th – Share their information with classmates</p> <p>7th – Go through the Marketplace packet and find classes that go along with what they found.</p> <p>8th – Match up with different students with same interests: form groups for the field trip.</p> <p>9th – Pick classes to go to.</p>
Evaluation:	Research paper, class sheet filled out
Materials / Resources Needed:	Internet, computers, paper pencils and Marketplace ticket

Reflection & Application:

What new concepts, strategies, etc. were most meaningful and thought provoking to you as a learner?

I was surprised to see what my kids were really interested in and as they took the career quiz I thought some kids would be in different areas. I think it was also good for my students to see what careers are out there besides the ones in this area. One of my boys said they thought engineer was only for building roads and bridges but they discovered it was so much more.

Next year, I am going to try to encourage kids to invent something. This was my 3rd year at Marketplace so now I have an idea of how to explain it to my students.

How will you implement the new learning into your classroom/work situation?

I'm going to do the quiz again next year but I want them to research more careers. I want them to see what each career has to offer. Example: nursing: not just to see that it is at hospitals and clinics but there are traveling nurses. I also want to talk to them about the invention part of Marketplace and have them see some of the inventions kids their age have made.



Marketplace for Kids Lesson Plan Template

Teacher Name Mark Pazdernik - Carrington

Date February 9th, 2016

Lesson Plan Title:	Creating Your Own Invention
Introduction:	The class begins with having a discussion on inventors and inventions. Inventions don't need to necessarily be something that is brand new. They can just be improvements or modifications of something. Students are then told to think of problems that occur in their daily routines from getting out of bed in the morning, to going to school, or going to bed at night. Think of a solution to your problem. The invention doesn't actually have to work. It is more of the idea behind it.
Subject Area:	Science
Time Required:	45 min
Plan:	<ol style="list-style-type: none"> 1. Come up with five new inventions or improvements. 2. Identify the problems and how you are going to solve them. 3. Pick one of the five inventions to create. 4. List the steps that you will need to make your invention. 5. List the materials you will need for your invention. 6. Create your invention. 7. Type our materials that will be used for display board. 8. Organize display board. 9. Present their display board with their invention to the class.
Evaluation:	The students were assessed by making their invention, creating their display board, and presenting their invention to the class.
Materials / Resources Needed:	<p>-videos of previous kid's inventions</p> <p>-a few example inventions</p>

Reflection & Application:

What new concepts, strategies, etc. were most meaningful and thought provoking to you as a learner?

How will you implement the new learning into your classroom/work situation?



Marketplace for Kids Lesson Plan Template

**Teacher Name: Rose Carlson
Grafton Central Middle School**

Date: 02.10-23.16

Lesson Plan Title:	6th Grade Marketplace for Kids “Jumpstart”
Introduction:	Vocabulary: innovation, entrepreneur, brainstorm, collaboration
Subject Area:	RLA
Time Required:	Total: 8 weeks, 2 hour sessions This lesson – 20 minutes, 4 sessions
Plan:	<p>Using a flipchart with students...</p> <ol style="list-style-type: none"> 1) Give students 1 week to choose a partner. Record partner. Divide students into 4 classrooms to work. 2) Brainstorm ideas with all RLA classes, use Journal to keep idea log. <ol style="list-style-type: none"> a. Show Marketplace examples from website b. Show short films from PBS about invention process c. Show examples from social media of local entrepreneurs (photographer, author/illustrator, Pride of Dakota) d. Show examples from History e. Show invention examples f. Author visits
Evaluation:	Student pairs should create an idea for their project and be able to fill in <u>Problem</u>, <u>Purpose</u>, <u>Procedure</u> rough draft, by deadline given.
Materials / Resources Needed:	<p>Marketplaceforkids.org, syllabus, folders for each presentation, Copies of B-1, B-2 B-3 for students, Graphic organizer for each display board, Flipchart of Marketplace process, Graphic organizer chart – Sentence Starters – for <u>Problem</u>, <u>Purpose</u>, <u>Procedure</u>.</p> <p>Packet – Youth Initiative Art & Literature</p>

Reflection & Application:

What new concepts, strategies, etc. were most meaningful and thought provoking to you as a learner?

Teaching collaboration can be very challenging. I think it is more important to evaluate the PROCESS vs. the PRODUCT, and to keep that process of creativity & innovative thought flowing throughout the 8 weeks.

How will you implement the new learning into your classroom/work situation?

I want to give students more opportunities to collaborate in hands-on projects and to free up their minds to innovate.

Next time: I would like to give students time to research their ideas online, but not to plagiarize. I would also like to take more time for author/artist visits, to inspire students.