Science in Perfect Portions

Elementary Ali
Teacher's Workstation

Lesson Planning Format

Standards

I can... Statements

Guiding Questions

Pre-learning
Anticipatory Activity

Input

Experience

Processing
Creative and Critical Thinking

Formative Assessment

Science in Perfect Portions — Lesson Planning Format

Teacherswokstation.com

Concept or Lesson Title _____

Standard(s)

I can...

Create a statement that students can say they are doing for this lesson. Reword the standard to make it something a child can understand.

Guiding Questions:

Reword the standard into a higher level question that will create a goal to work towards in this lesson.

	Differentiation
Pre-Learning/ Anticipatory Activity: Pick an activity that is hands on and will both build on prior knowledge and build curiosity for this lesson. This should showcase the concept with a hands on experience. This way, they will know something about the topic before being introduced to new vocabulary.	
Input: For this portion, you will be giving them the base knowledge they will need to fully understand the experience portion of the lesson. Here you will use a rich and engaging informational text that will explain a little more about the concept, while introducing the key terms they need to know for this lesson. Just handing them something to read isn't enough. They will need a way to process it through a graphic organizer and summary writing with key terms. You will also be giving them their input section of the interactive science notebook which is where I like to create a classroom anchor chart that they copy in their notebook.	Teacher Read Aloud, Reading in Pairs, Think-Pair- Share before writing, Small Group Instruction,
Experience: This is the FUN part! Here you will find a meaningful, hands-on activity to help students experience the concept first hand. Labs, games, stations, scavenger hunts, and passport activities are all great ideas for the experience portion.	Flexible Grouping, Small Group Instruction,
Processing/ Creative: Now that students have everything they need to fully understand the concept, they need a creative and critical thinking output to process all of it. Here you will give them something creative to do in the student output page of their interactive notebook. Then, they will need to think critically about this concept by analyzing some data. Complete the processing portion by giving them a project to learn through.	Work in pairs, Small Group Instruction, Shortened Assignments, Model or Presentation Extension
Formative Assessment: This is done when all prior portions of the lesson are covered, and you can see what they know. You will use this to also find misconceptions. Writing in a Claim, Support, and Explain template can help gauge learning.	Small Group Instruction, Shortened Assignments

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Concept or Lesson Title Electricity and Circuits

Standard(s)

(C) demonstrate that electricity travels in a closed path, creating an electrical circuit, and explore an electromagnetic field; and 4-PS3-2. Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.

I can… create an electrical circuit that demonstrates electricity traveling through a closed path.

Guiding Questions:

What is the difference between the construction of an open circuit and a closed circuit?

	Differentiation
Pre-Learning/ Anticipatory Activity: Students will perform the Static Electricity Magic Trick (with an optional lab and sheet).	
Input: Have students read the informational text, *Electricity and Circuits*, and determine the meaning of each key term using context clues from the text. They will complete the graphic organizer after reading the text. You can allow students to discuss their thoughts on the reading in pairs or as class, then allow them to write a summary using the key terms from the text. Complete the anchor chart as a class. Students can write the anchor charts in their Interactive Science Notebook on the input page. Or, they can cut and glue the interactive anchor chart in their notebook.	Teacher Read Aloud, Reading in Pairs, Think-Pair- Share before writing, Small Group Instruction,
Experience: Students will create a variety of circuits and determine if they work.	Flexible Grouping, Small Group Instruction,
Processing/ Creative: Complete the Output activity for the Interactive Science Notebook, Analyzing Data activity, and the Electromagnet Project.	Work in pairs, Small Group Instruction, Shortened Assignments, Model or Presentation Extension
Formative Assessment: Students will complete the Claim It, Support It, Explain It writing activity.	Small Group Instruction, Shortened Assignments

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Concept or Lesson Title _____

Standard(s)

I can…

Guiding Questions:

	Differentiation
Pre-Learning/ Anticipatory Activity:	
Input:	
Experience:	
Processing/ Creative:	
Formative Assessment:	

Thank you, from Elementary Ali!

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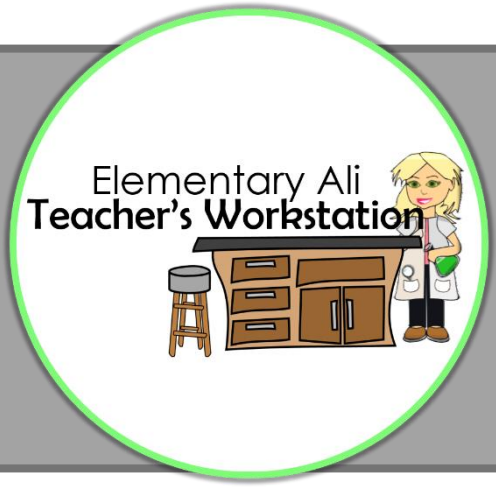

Please, feel free to email any questions or requests to elementaryali@gmail.com