

## VPOD Lesson Plan

**Lesson Segment Focus: Solar System**

**Lesson 1 of 1**

**Course & topic addressed: Science & 8 Planets**

**Date: 11/12/18**

**Grade: 3<sup>rd</sup>**

### Student Outcomes

Specific learning objectives for this lesson.	The specific learning objective for this lesson is for students to show an understanding of the concept of the 8 planets in our solar system.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	The connection to previous lessons this builds upon is their prior knowledge that there is more than one planet in our solar system and that there are 8 total planets that revolve around the sun. There is also the previous knowledge of what order the planets are in as well.
Knowledge of students' background (personal, cultural, or community assets)	The knowledge of students' background in terms of personal is whether or not they own a telescope and if they do, then those students could connect this learning to activities they have done in the past or can do in the future.

### 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.	<b>3-ESS3-3: Use observations of the sun, moon, and stars to describe that can be predicted.</b>
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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?	The planned instructional supports that I might use to assist students to understand key academic language to express and develop their content learning is flashcards with the word on one side and then the definition on the other side. To provide varying supports for students at different levels of academic language development I will have an easier assignment put in place.
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### Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	<b>Revolve, planet, and solar system</b>
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## Materials

Materials needed by teacher for <b>this lesson.</b>	The materials needed by the teacher for this lesson include the iMovie app, at least one iPad, and a way to play the movie so that the whole class can see it at once.
Materials needed by students for <b>this lesson.</b>	The materials needed by the students for this lesson is paper, a pencil, prior knowledge of the planets, and a place to view the iMovie that was created by the teacher.

## 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 minutes	<b>Introduction:</b> I will begin the lesson by asking students how many planets they think are in our solar system.	I will be asking my students the introduction question and students will raise their hand if they want to contribute to the discussion. I will then call on students to answer the question and they will add to the discussion. I will steer the answers towards the right direction if students seem far off.
20 minutes	<b>Instruction:</b> To begin instruction I will show students a video of a song about the 8 planets in our solar system.	After the students have watched the video I will then display the video that I created, so students can learn about each one. The video is made with the planets already in order along with a few facts about each planet. As the movie is playing I will ask students to take notes as I will use their notes as a way to informally assess their learning. I created the video with the students taking notes in mind which is why I have time in between each fact in order that they will have enough time to write everything down. Depending on how the informal assessment goes will determine whether or not I will have a quiz for the students to take about each planet. I feel as though this iMovie will help students better understand the difference of the planets. I will also have the iMovie on my website so that students can watch it at home as well or maybe even show their parents. This would also be beneficial if a student did not have quite enough time to write everything down.
5 minutes	<b>Closure:</b> To close the lesson I will ask my students to say one fact about each planet.	I will be asking the students the closure questions and students will raise their hand if they want to contribute to the discussion. I will then call on students to answer the question and they will add to the discussion. I will steer the answers towards the right direction if students seem far off.

## Accommodations/Modifications

How might I modify instruction for:  Remediation? Intervention? IEP/504? LEP/ESL?	I would modify instruction for remediation students by giving them a printed-out version of the movie with the facts on it, so that way they would not get too far behind in terms of taking notes. For intervention students I would help them with their notes or maybe help them with their quiz if I decide to make a quiz for this lesson segment. For IEP/504 students I would make sure that this lesson followed the plan set forth by the team and if it did not, then I would make modifications. For LEP/ESL I would do the same thing that I did for the remediation students and I would give them a printed-out version of the movie with the facts on it, so that way they would not get too far behind in terms of taking notes.
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**Differentiation:**

How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?	<b>I would provide a variety of instructional methods/tasks/strategies to ensure all student needs are met by individually helping each student that seems to be struggling with the task at hand. I would prevent this needing to happen with every student by giving those certain students basically a pre-made paper with all of the notes on it already.</b>
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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 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>; <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>