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| **Subject/Grade: SE Multiple Grades Lesson Title: Solar System Teacher: Ms. Maier and Ms. Magnusson** |
| **Stage 1: Identify Desired Results** |
| **Outcome(s)/Indicator(s):****SS6.1****Research and represent the physical characteristics of the major components of the solar system, including the sun, planets, moons, asteroids, and comets.**1. Use a variety of sources and technologies to gather and compile pertinent information about the physical characteristics of the major components of the solar system.
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| **Key Understandings: (‘I Can’ statements)**“ I Can” Identify the planets in our Solar System “I Can” Compare and contrast different size and shapes of Planets “I Can” Analyze a video and answer specific information about a short clip.  | **Essential Questions:** |
| **Stage 2: Determine Evidence for Assessing Learning** |
| **We will begin by getting a pre assessment of students knowledge on this topic and ask them what they know about the Solar System. We will provide an opportunity to analyze a video and answer a question sheet with information about the Solar System. We will take this question sheet in for a homework check and as an exit slip at the end of the class.**  |
| **Stage 3: Build Learning Plan** |
| **Set (Warm-up, Focusing the Learning): Time: 7 minutes*** **Pre assess information by asking them what they already know about space**
* **Ask the students to pay attention to the information within the video pertaining to the Solar System.**
* **Show the video linked in the materials/equipment**

**Development: Time:10 minutes****-Tell them to read the questions over****-Rewatch video while answering the set of questions****- Students are expected to fill in the questions in the boxes provided.** **- Notes can be in point form or in sentence form depending on the student and their academic level.** **- Students can also provide a visual of their answers to help support their evidence of learning.** **-Can watch a third time if needed (missed some questions)****- This will be done as independently as possible with students attempting the activity and asking for help or assistance when needed.** **Learning Closure: Time:10 minutes*** **With notes taken from our monitoring students work, we will ask students to share certain answers with the class on the question sheet.**
* **Go over the answer key and ask the students to answer**
* **What other facts did you pick up from the video?/what did you learn after watching the video today?**
* **These work sheets will be the exit slip for this assignment. And will need to be handed in before the end of the day.**
 | **Materials/Equipment:****-Question sheet****-Computer****-Video****-Whiteboard** **-** [**Solar System video**](https://www.youtube.com/watch?v=ZHAqT4hXnMw&feature=youtu.be)**Management Strategies:*** **Team Teaching**
* **Direct Teaching with Modelling**
* **Use of Technology**
* **Write out the names of the planets on the whiteboard to help students**
* **Monitoring walking around the classroom to ensure students are on task and working.**

**Safety Considerations:****There are no safety concerns within this lesson** **Possible Adaptations/****Differentiation:****-LeKai can draw the colour of the planets****- Play the video a couple of times if needed.** **- Offer up another work space if the classroom becomes to loud for students.** **-The older students can try to guess what order the planets go in (bonus question).****-9th planet? (bonus question)** |
| **Stage 4: Reflection** |
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