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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. | | |
| **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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