Lesson Title: Understanding the Earth's Place in the Solar System

Content Area and Grade Level: Science - Grade 4

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Brief Description of the Lesson/Unit:

The students will learn about the earth's place in the solar system and the other planets by reading books about the solar system, watching a video, viewing resources on the internet and playing games. They will write to demonstrate their knowledge of the solar system. The resources and writing assignments will be tiered and organized in a RAFT format.

South Dakota Content Standards:

- Standard numbers and exact wording
  4W.1 Student are able to gather, organize, and explain in writing what is known about selected content area topics.
  4E2.1 Students are able to describe the motions of the Earth, Sun, and Moon

- Unpacked standards (in student-friendly wording)
  I can write (compose) a paragraph with an idea the paragraph develops (topic sentence), ideas that support the topic sentence (supporting details), and a restatement of the topic (conclusion).

  4E2.1 Students are able to describe (to tell in words and/or numbers) the motions (revolution and rotation) of Earth, Sun, and Moon.
Stage 1: Identify Desired Results

1. What enduring understandings are desired?

2. What essential questions will guide this unit and focus both the teaching and the learning?

3. What key knowledge and skills will students acquire as a result of this unit?

4. What prior learning, interests, misconceptions, and conceptual difficulties might be brought to this unit by the students?
Stage 2: Determine Acceptable Evidence

What evidence will show that students understand?

1. Pre-Assessment (pre-tests, concept maps, KWL, surveys, etc.):

2. Performance Tasks:

3. Summative Assessment (Quizzes, Tests, Prompts, Projects, etc.):

4. Formative Assessment (Dialogues, Observations, Work Samples, etc.):

   Briefly explain HOW you will use formative assessment and feedback to redirect and focus your instruction for improving student achievement. Provide at least one example.

5. Student Self-Assessment:

6. Attach or include specific rubrics being used for this lesson/unit:
Stage 3: Learning Experiences and Instruction

What sequence of teaching and learning experiences will equip students to develop and demonstrate the desired understandings?

1. Major Learning Activities:

2. Materials, Supplies, & Resources (technology & print):

3. Classroom Management:

4. Support Services and Special Teacher Notes:
Stage 4: Differentiated Instruction Strategies

What specific differentiated instruction strategies will be used in the lesson/unit? Fill in each section that applies.

1. Differentiated Process:

2. Differentiated Content:

3. Differentiated Product: