

Daily Writing Prompts and Math Problem Integration

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This educational activity promotes excellence in education with DKG's goal to enhance strategies that inspire student learning and to foster critical thinking, creativity, and decision-making skills. Sharing this activity with educators provides collaboration and supports professional development among members.

Subject: Writing and Math – Can be adapted for any classroom level

Duration: 30–45 minutes

Objective:

Students will:

1. Enhance their writing skills across various genres by responding to engaging daily prompts.
 2. Apply critical thinking and problem-solving skills to a math problem.
 3. Strengthen connections between creative expression and logical reasoning.
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Materials Needed:

- "National Day Calendar" writing prompts
Resources: <https://www.theteacherscorner.net/daily-writing-prompts/>
National Day Calendar with dates: <https://dayspedia.com/us/calendar/>
2025 Calendar with all Celebrations: <https://www.calendarr.com/united-states/observances-2025/>
 - "Math Problem of the Day"
 - Slides for visual display
 - Student notebooks or digital writing tools
 - Whiteboard or chart paper for class discussions
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Lesson Procedure:

1. **Introduction (5 minutes):** Introduce the “National Day” and share an interesting fact about it. Preview the writing prompt and math problem on the slide.
2. **Writing Prompt Activity (15–20 minutes):**
Read the writing prompt aloud. Examples of genres:
 - *Narrative*: “Write a story about a character celebrating National Popcorn Day.”
 - *Opinion*: “Should we have a National Day for pets at school? Why or why not?”
 - *Informative*: “List 5 fun facts about today's National Day and explain why it's celebrated.”
 - Give students time to respond in their notebooks. Encourage creativity and proper structure (e.g., clear beginning, middle, and end for narratives).
3. **Math Problem of the Day (10–15 minutes):**
 - Transition to the math problem displayed on the same slide.
 - Walk through the problem as a class or allow individual work, depending on difficulty.
 - Discuss strategies for solving the problem, highlighting connections to real-life applications when possible.
4. **Class Sharing and Reflection (10 minutes):**
 - Invite a few students to share their writing.
 - Discuss different approaches to the math problem.
 - Reflect on how writing and math can work together (e.g., writing about problem-solving processes).

Assessment:

- Review student responses for creativity, structure, and effort in writing.
 - Observe engagement and accuracy in solving the math problem.
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Extension Ideas:

- Have students create their own “National Day” and design both a writing prompt and math problem to share with the class.
- Collaborate on a class calendar highlighting student-created “National Days.”

This approach blends creativity with critical thinking and engages students in meaningful, cross-curricular learning.

Examples of Slides:

Happy Monday!

1. There are 4 plates on a table. Each plate has 3 cookies on it. There is also a bowl with 6 more cookies. How many cookies are there in all?
2. Today is National Sticker Day! Design three stickers, choose your favorite, and explain why it's your favorite.

FRIDAY

1. Dominic loves horses. He saw 6 horses in a stable. How many legs do the 6 horses have altogether?
2. Monday will be National Use Your Gift Card Day. Where would your dream card be from? What would you buy? Why?

