Interactions

**ENGLISH LANGUAGE ARTS**

“I am lonely, yet not everybody will do. I don’t know why, some people fill the gaps and others emphasize my loneliness.” – Anaïs Nin

When people think about human interactions, very few pay attention to social isolation and loneliness. Imagine a friend or loved one writing the quote. Write a letter to him/her addressing loneliness and offer support. While you are composing your letter, consider the following:

- How do you explain the importance of social interactions?
- Does the person find comfort in his/her loneliness?
- How will the person feel about receiving the letter?
- What resources can you provide?

If you know someone personally who is experiencing loneliness, share the letter with him/her.

**SOCIAL STUDIES**

The United States has interactions with countries all over the world, forming bilateral relationships. A bilateral relationship is when two sovereign states agree to diplomacy to conduct various relations. Visit the archived (https://bit.ly/32s9Anh) and current (https://bit.ly/30jQ9KF) U.S. Bilateral Relations Fact Sheet.

Select a country and compare its relationship with the U.S. in 2016 and 2020. Make a two-column list to answer the following questions:

1. What was the nature of the relationship between the U.S. and your selected country (allies, adversaries)?
2. What were the U.S. objectives vis-a-vis this country in 2016 and in 2020?
3. How have both countries impacted each other culturally and economically?
4. What was the role of the U.S. in offering assistance and national security?

**SCIENCE**

Viruses are the most common biological entities on Earth. Viruses contain nucleic acid, which can be either single- or double- stranded RNA or DNA. Viruses can only survive in the environment for a period of time, therefore they rely on the cells of other organisms to mutate and reproduce. Select a viral disease from the site: https://www.healthline.com/health/viral-diseases

Create a flowchart explaining how the virus interacts with the human body from initiation to vaccination. Include a description of each phase and the effects on the host.

- What part of the body does your virus interact with and what happens once it is infected?
- Is there a vaccine? If yes, how does it impact the virus?
- How can we prevent contact with the virus?

**MINDFULNESS**

Being around people who make us happy is relatively easy. What about being around those who are a bit challenging? They too, deserve our best selves. It’s easy to get frustrated, but it’s harder to calm down and forgive. Take a moment to practice some mindful meditation with this video, which includes an exercise to practice compassion with difficult people: https://youtu.be/oEplqZYUUVk

Reflect on a negative interaction you’ve had with someone. How could the exercise from the video have helped you handle it differently? In your journal, write 3 other scenarios that often happen during high school.

How can you use this and other mindful meditation strategies to increase the odds of having more positive interactions with others?
The world runs on water for daily survival, but due to human interactions, water stress levels have become a national crisis. According to the World Resources Institute, “more than a billion people currently live in water-scarce regions, and as many as 3.5 billion could experience water scarcity by 2025.” Overpopulation, along with climate change, reduces the availability of freshwater and impacts once thriving ecosystems.

Study the graph provided by NewYorkTimes about water stress levels in populated areas around the world: https://bit.ly/3fEmwyf

- What can you determine about the water stress levels from analyzing the graph?
- Predict water levels in 5 years. 10 years.
- What factors contribute to some countries having lower levels?

List 3 solutions for highly populated areas to lower their water stress levels. Explain the impact.
K-1 English/Language Arts:
Ideas for great picture books:
Where the Wild Things Are- written and illustrated by Maurice Sendak
Hair Love- written by Matthew A. Cherry illustrated by Vashti Harrison
Miss Rumphius written and illustrated by Barbara Cooney
A Big Mooncake for Little Star written and illustrated by Grace Lin

K-1 Logic Puzzle:
Odd plus an even = odd (silly)
Even plus an even = even (serious)
Odd plus an odd = even (serious)

10-12 English/Language Arts:
Additional information on loneliness: https://www.healthline.com/health/how-to-deal-with-loneliness

10-12 Logic Puzzle:
Solution: The first person must take either stool 9 or 17 (because of symmetry, it doesn’t matter which). Assume they pick seat 9. The next person will pick seat 25, since it is the furthest from seat 9. The next two people will take Seats one and 17. The next three will occupy 5, 13, and 21. The next six will occupy 3, 7, 11, 15, 19, and 23. This seats the maximum of 13 people, and no one is sitting next to another person. If a seat other than 9 or 17 is chosen first, the total diner patrons will be less than 13.

https://www.braingle.com/brainteasers/teaser.php?op=2&id=5159&comm=0
## Interactions
NC Standards Alignment

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