How Can We Help our Elementary Students Make Sense of Their World?

How can we...

● Explore a potentially scary topic for elementary students?
● Carefully situate mathematical modeling of COVID19?
● Leverage students’ questions to engage in mathematical thinking?
● Make sure to support students as they navigate this uncertain time?
Focus on the positive.

Identify projects that might help others.

https://qrgo.page.link/5ypsA
Focus on Moments

- What can you do to find moments of happiness throughout the day? What is going well?
- How many moments of happiness did you create and find?
- How can you collect, record, and represent your happiness visually?
Focus on Spreading the Happiness

- What if you (added 1 each day, added 2 each day, multiplied by 2, doubled) your moments of happiness each day for a week? How many moments would you have?
- Have students share their representations, and then create group/classroom/school representations of happiness.
Focus on Making a Difference

You can check out many volunteer organizations in your community. For this task, we turn to the United Way for Inspiration.

Consider how to be sensitive to students who (and whose families) are using these services.
Cookies for Howard County Responders

5-ingredient Chocolate Chip
Makes 24 cookies

Ingredients

- 3 cups all-purpose flour
- ¾ cup brown sugar
- 2 eggs
- 1 cup butter, softened
- 1 cup semi-sweet chocolate chips

How many cookies?
How many responders?
How many batches?
How many cookies for each responder?
How many eggs? Flour? Butter? Chips?

<table>
<thead>
<tr>
<th>Fire Station Number</th>
<th>City</th>
<th>Engine Company</th>
<th>Truck Company, Tower Company, Rescue Engine Company or Squad company</th>
<th>EMS Units</th>
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<tbody>
<tr>
<td>1V</td>
<td>Elkridge</td>
<td>Engine 11, Engine 12</td>
<td>Squad 1</td>
<td>Paramedic 10, Ambulance 16</td>
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<tr>
<td>2V</td>
<td>Ellicott City</td>
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<td>West Friendship</td>
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<td>Long Reach</td>
<td>Engine 91</td>
<td>Engine 91</td>
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<td>Glenwood</td>
<td>Engine 131</td>
<td>Engine 131</td>
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<td>14</td>
<td>Columbia</td>
<td>Engine 141</td>
<td>Engine 141</td>
<td>Paramedic 145</td>
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</table>
Focus on a Cool way to Greet people

Greeting one another is likely to be changed from this point forward.
Focus on a Cool way to Greet people

Come up with a new and cool way to greet people that adheres to the social distancing guidelines (maintaining 6 feet between people).

Next, imagine the next time (your class, your extended family) will see each other again. Each person must greet the other person with the new greeting. How many total greetings will you and your (class or family) make? What if one more person joined you? How many greetings now?
Focus on social distancing in a line.

Your class of 22 is lining from recess to go back into the classroom and must maintain social distancing by remaining six feet apart. What is the length of your line?
Do we have enough toilet paper?

Source: Treasure Box Store
How Much Toilet Paper Does Our Family Need for Two Weeks?

A 2-person household needs 9 double rolls or 5 mega rolls. A 4-person household needs 17 double rolls or 9 mega rolls.