

This Jamboard is designed to support our K/1 students' learning of Morning Meeting Math routines during our virtual morning meetings. It simulates the hard copy of a Morning Meeting Math Routines booklet that children use in the classroom. That booklet provides them with hands-on math experiences arising organically from daily calendar, schedule and attendance work. These routines provide the basis for myriad math number talks during which children grow their number sense and their sense of the world.

Page 1. The red dot moves with the days of the week. At the beginning of Morning Meeting, the red dot is on the previous day. This allows children to visualize what day was yesterday and from there figure out what day is today. We begin by asking children if they know/how they can figure out what day of the week it was the last time we were together in school (whether in-person or virtually). They are asked to use that information to figure out what day is today. As we do not meet on weekends, there is no box for the red dot under the headings for Saturday and Sunday.

Pages 2, 3 & 4. Calendars for past months of the school year and the current month are included. As we flip through the pages for past months, children review and say aloud the names of the months. We ask "is it still September?" "is it still October?" etc. They tell us when to stop as we reach the current month. Post-its identify events that are noteworthy to the classroom community. A large "X" highlights non-school days. As with the red dot on the previous page, the red circle is on the previous day so that children can work from that information to figure out what day is today.

Page 5. On this page is a drawing of three containers and popsicle sticks to simulate those we use in the classroom as a concrete representation of the number of days we have been in school. Each school day is represented by placing 1 popsicle stick in the ones container (ones place). Every 10th day, we "bundle" the 10 sticks and place them in the tens can (tens place).

Page 6. The thinking that emerges from our work on Page 5 promotes discussion about place value and lays the groundwork for children to unitize (seeing a bundle of 10 sticks as one unit of 10). Some children understand and can figure out the companion equations and thus opportunities to explore these are included here.

Page 7. As a class, we build our own "Tens Chart" as an additional model to track the number of days we have been in school. We use a "bottom-up" model to represent how numbers grow up from one and that adding numbers creates larger numbers as we ascend the chart. Children are asked to share their noticings.

Page 8. This is a modified replica of the Work Time Choice Chart we use in school. Every school day, children make a personal choice about work they would like to explore independently. They bring their work to our Closing Meeting and share it with the full class. In addition, they are asked to upload photos to Google Classroom. These photos are compiled into a daily Work Time Journal and are paired with the children's own words about their work as shared with the class during Closing Meeting. The Work Time Journal is posted on the Google Classroom Stream the following morning at 8:30 am.

Page 9. The Home/School Lunch Survey is completed only during in-person school days. Using multiple ten frames to track attendance and the number of children who need school lunch (and concurrently those who brought home lunch), opportunities for math talks building children's number sense, particularly in relation to "10," abound. These discussions often are enhanced using Rekenrek math racks and/or bead strings.

Distance Learning Daily Schedule. Children received a laminated Distance Learning Daily Schedule with 12 activity cards that they are to discuss and complete with their families before Morning Meeting (see Distance Learning Daily Schedule and companion Letter to Families posted separately on HQEL website). As part of Morning Meeting, they show their completed schedule and answer a question about it, such as "what is your first activity after Morning Meeting?"

Routines, routines, routines ... the work described above is completed daily, whether in-person or virtually. In this way, children develop school-day routines that seamlessly extend to their work at home to support their ongoing learning.

Marilyn Martinez & Patricia M. Godoy

November 2020



CENTRAL PARK EAST ONE

Morning Meeting

Marilyn, Patricia, Daje and Hansel's
Classes

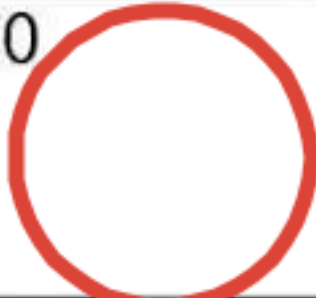
2020 - 2021

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Central Park East 1 Elementary School, New York, New York

What day of the week is it?

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						

SEPTEMBER 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1 X	2 X	3 X	4 X	5 X
6 X	7 X	8 X	9 X	10 X	11 X	12 X
13 X	14 X	15 X	16	17	18	19 X
20 X Birthday	21	22	23	24 Birthday	25	26 X
27 X	28 Yom Kippur	29	30 	1	2	3

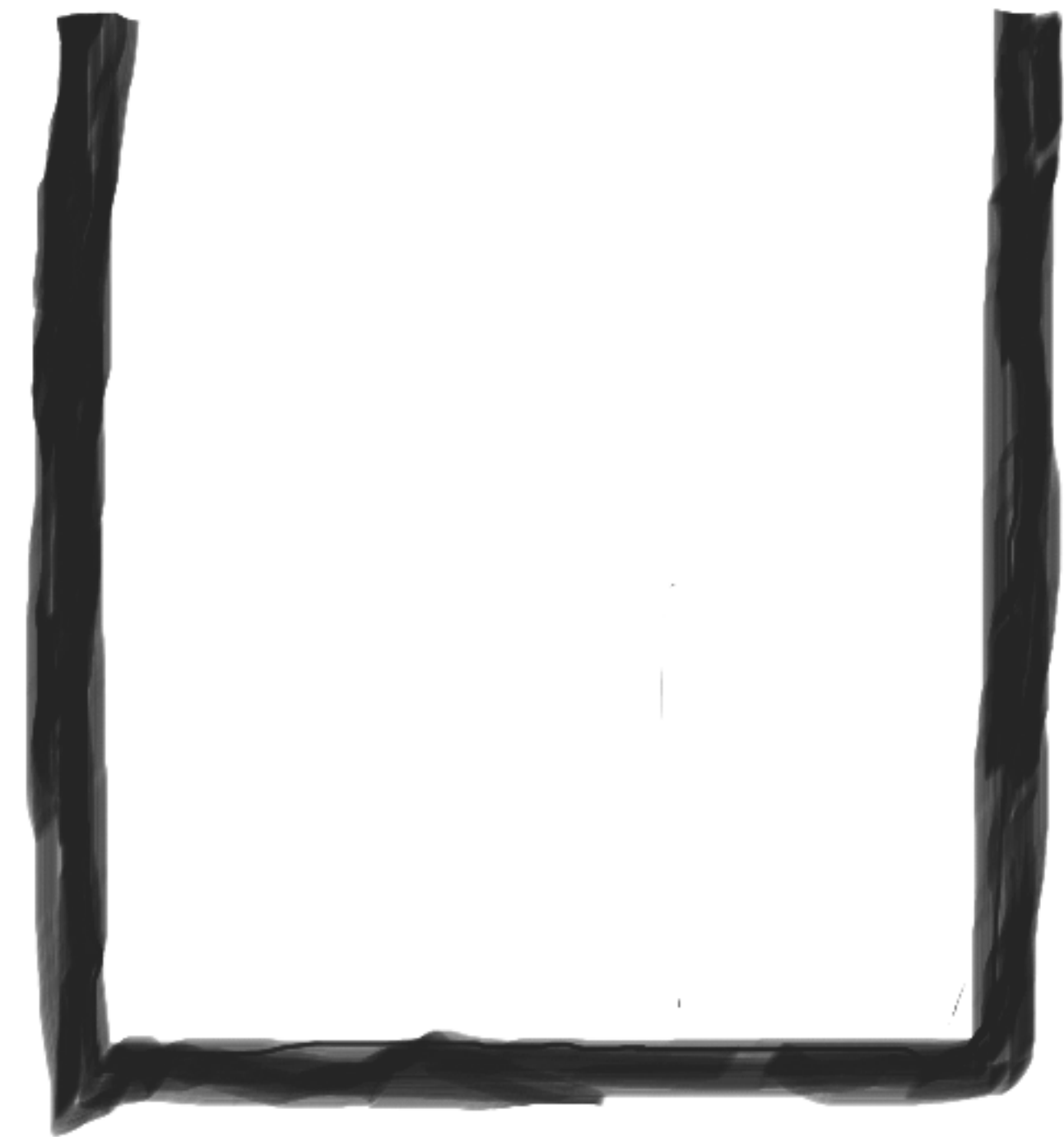
OCTOBER 2020

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	X 3
X 4	5	6	7	8	9	X 10
X 11	X 12 Indigenous Peoples Day	13	14	15	Birthday Birthday 16	X 17
X 18	19	20	21	22	Birthday 23	X 24
X 25	26	CPEI Halloween Party 27	28	29	30	X 31 Halloween

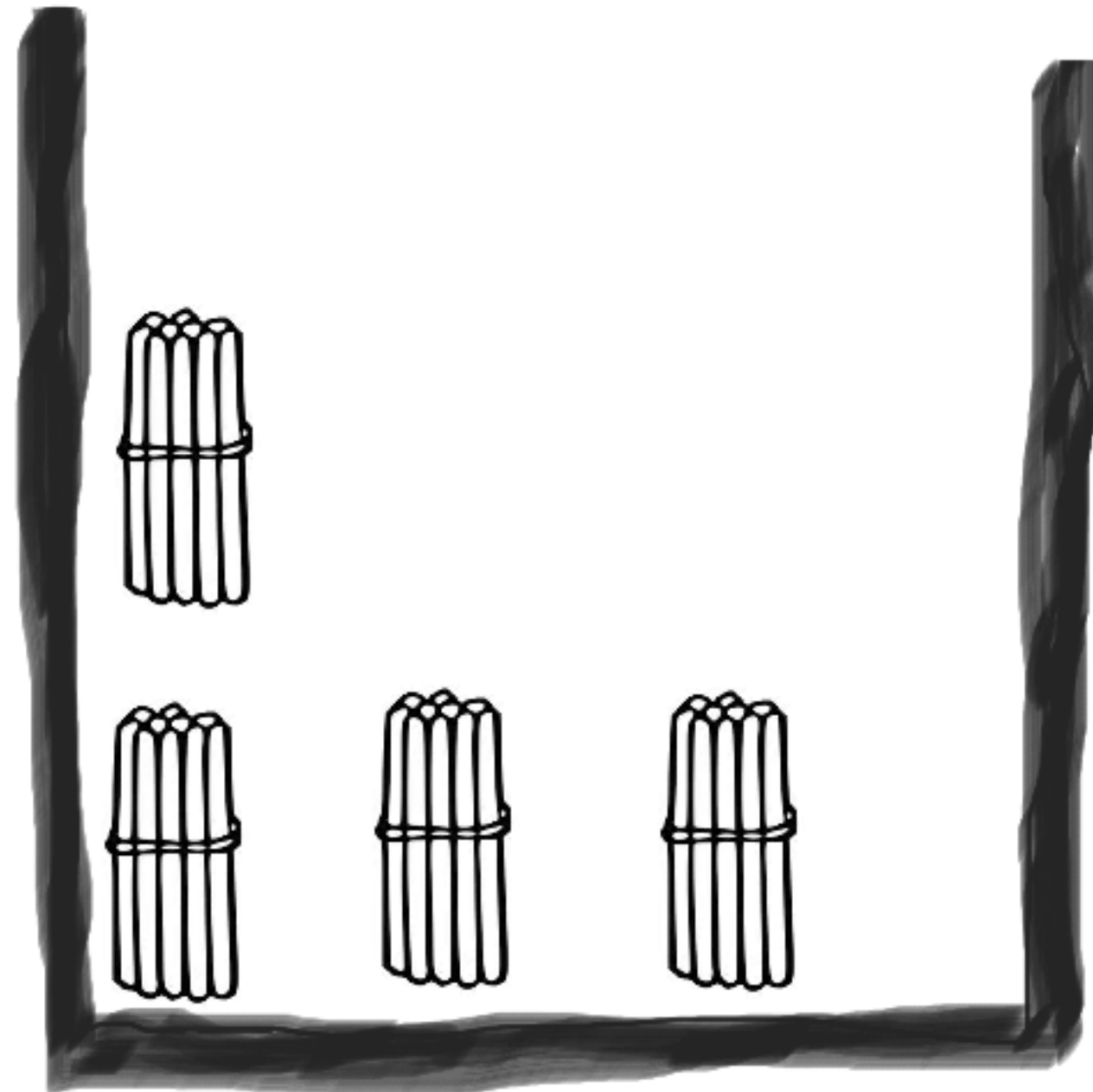
NOVEMBER 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 X	2	3 Election Day	4	5	6	7 X
8 X	9	10	11 Veteran's Day	12	13 Birthday	14 X
15 X	16	17	18	19	20	21 X
22 X	23	24	25 Birthday	26 X	27 X	28 X
29 X Birthday	30	1	2	3	4	5

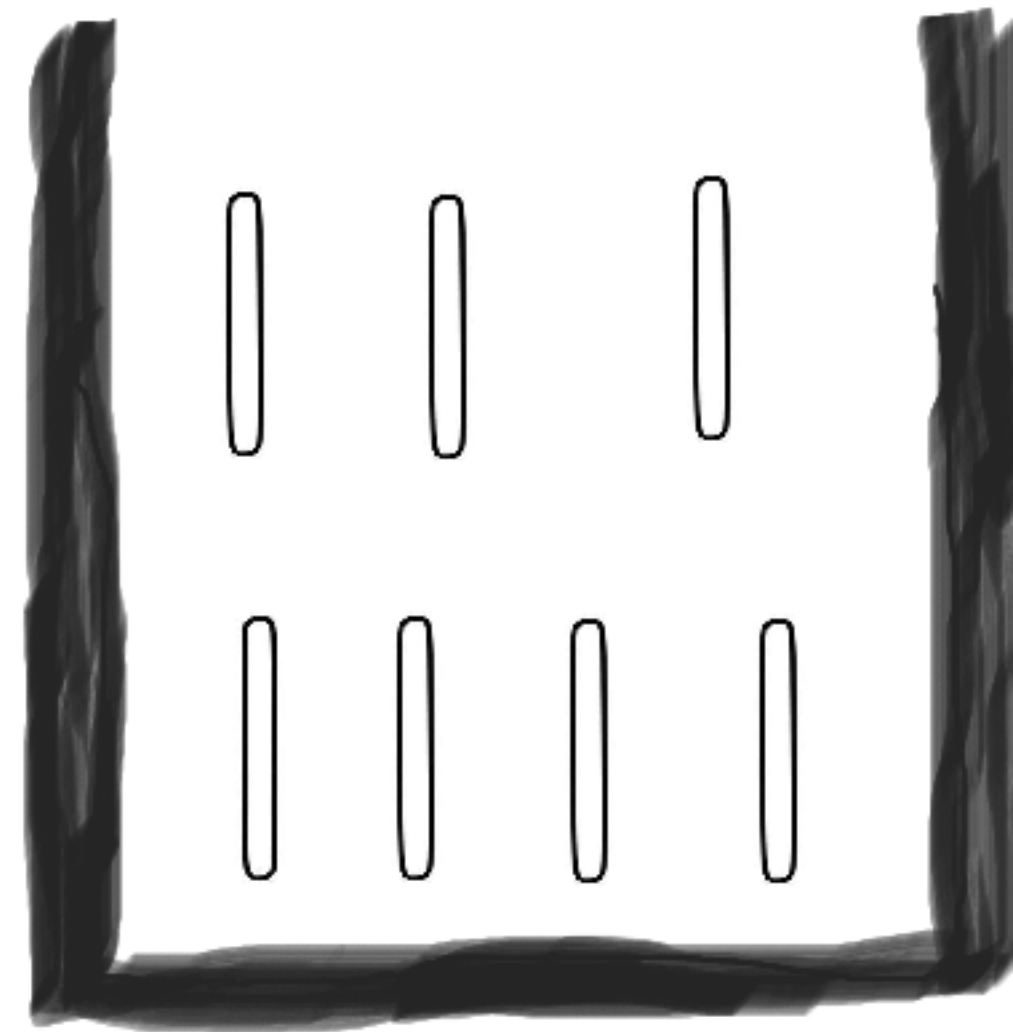
How many days have we been in school?
1 popsicle stick represents 1 school day



0 hundreds

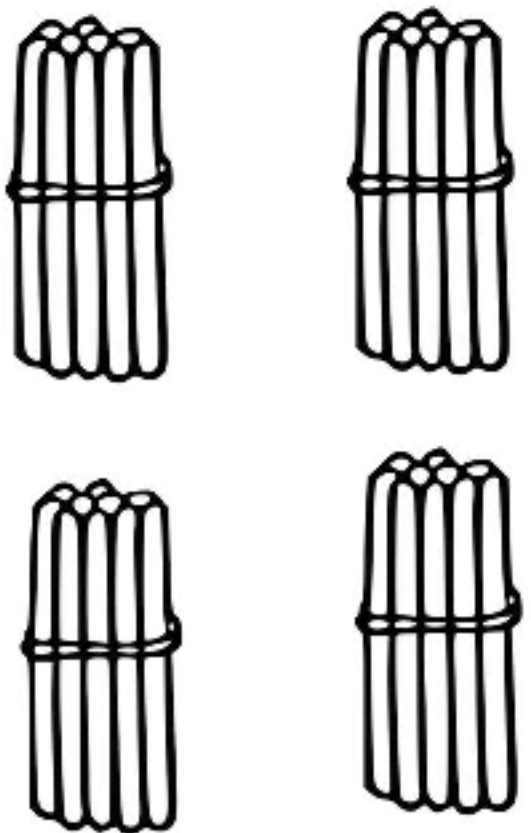
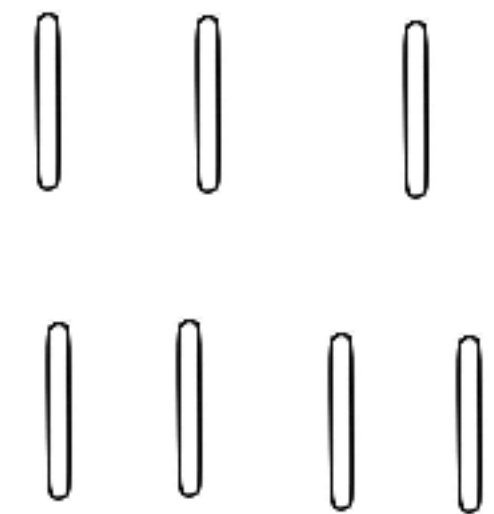


4 bundles
of tens



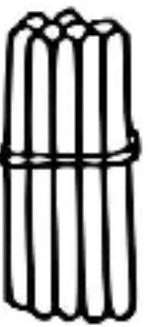
7 ones

How many days have we been in school?

Hundreds	Tens	Ones
		



hundreds



tens



ones

$$\begin{array}{r} \text{days} \\ + \quad 40 \\ \text{days} \\ + \quad 7 \\ \text{days} \\ \hline = \quad 47 \\ \text{days} \\ \text{in all} \end{array}$$

41	42	43	44	45	46	47			
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

4 bundles of 10 sticks

3 bundles of 10 sticks

2 bundles of 10 sticks

1 bundle of 10 sticks

How many days have we been in school?



Blocks



Cooking



Construction



Drawing & Writing



Playdough



Painting



Pretend



Puzzles / Math



Sewing



Science

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

Name

School Lunch

Home Lunch



We need school lunches. We have home lunches.

Oliver
Allaura
Wesley
Eleanor
Lacey

Lihana
Claire
Ethan
Jordan
Aiden

DECEMBER 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
²⁹ X	30	1	2	3	4	⁵ X
⁶ X	7	8	9	10	11	¹² X
¹³ X	14	15	16	17	18	¹⁹ X
²⁰ X	21	22	23	²⁴ X	²⁵ X	²⁶ X
²⁷ X	²⁸ X	²⁹ X	³⁰ X	³¹ X	¹ X	² X

Months of the Year

1. January

2. February

3. March

4. April

5. May

6. June

7. July

8. August

9. September

10. October

11. November

12. December