

SD72 PARENT HOME LEARNING LESSON

Integer Timeline Project

PURPOSE / SKILL: To gain fluency working with integer numbers; understanding number lines; representing information visually; connecting math to your own life.

MATERIALS: Paper, pencil; ruler, magazines for images.

INSTRUCTIONS:

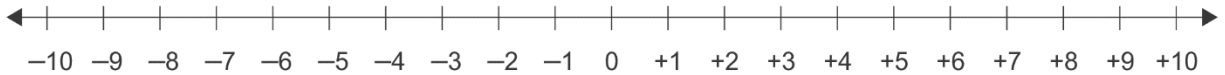
- You will be creating a timeline that includes events that have occurred before and after you were born. The year you were born will represent the number zero.
- Identify 5 interesting events that happened before you were born.
- Record these in the chart provided – include the year AND create an integer that represents that event (how far away it is from your birth year – zero)
- Identify 5 interesting events that have happened since you were born.
- Record these in the chart provided – include the year AND create an integer that represents that event (how far away from your zero)
- Using this information create an integers number line to display these events sequentially. – you will need to determine the scale of your number line so that you can include all your items. (like counting by 1s, 5s, 10s on your number line)
- Add an image or symbol for these events – it can be hand drawn or taken from a magazine/internet.

ACTIVITY:

Event Recording Sheet:

Activity	Year it took place	Integer it represents
Born	2006	0

Example number line with integers:



POSSIBLE NEXT STEPS:

- Include more events.
- Discuss the distance between events
- Discuss the scale of your timeline (why your timeline increases by 10s)
- Discuss why you included those events.

IMAGE OF PROCESS

Activity	Year it took place	Integer it represents
Born	1981	0
My sister is born	1974	-7
Terry Fox runs across Canada	1980	-1
Mom and Dad got married	1973	-8
Grateful Dead play in Vancouver for the first time	1966	81-66 = 15 -15

I got my first pet cat and named her Flea.	1983	+2
I started kindergarten	1986	+5
Bluejays in the world series for the second time in a row	1993	+12
I started high school	1995	+14

-20 -15 -10 -5 0 +5 +10 +15 +20



+2
Welcome
Flea!

hi

+14
This is me
in gr9!