



# Goosehill Primary School

Weekly Notes- February 6, 2015



Dear Parents,

In kindergarten and first grade, children are developing number sense- *what numbers are, what they represent, and how they work*. The Common Core Learning Standards emphasize that young children need to be exposed to **multiple models** so that they develop deep understandings about place value and the base-ten number system. Our teachers use a variety of **mathematical tools** to help children develop these complex concepts. Different kinds of counters are used to help kindergarten children develop one-to-one correspondence so that they can count objects and connect quantities to the numerals that represent them. Next, they learn to compare quantities and use terms such as fewer or greater. All children develop the concept of the number 10 using a tool called a “**Ten Frame**” and it serves as the basis for much of their learning about our number system.



A **Part-Part-Whole** template and **two-color chips** are used to teach the rules of addition and subtraction and the relationship between the two operations. The **Hundreds Chart** is a tool that helps children develop a mental model of the base ten number system. They use it to learn number order, skip count, and to add and subtract multiples of ten. Finally, a variety of tools and strategies are taught to help children learn to solve multi-step word problems.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

As parents, it is important for you to be familiar with the tools your children use in school so that you can support them at home. It is likely that some of the tools used in classrooms today are new to you! To assist you in helping your child, the GPFA will be hosting a special meeting on the topic of mathematics on Wednesday, February 11th. Our teachers will engage you in hands-on experiences to help you learn how mathematical concepts are taught in kindergarten and first grade. Last year, parents really enjoyed and appreciated the opportunity to work with the teachers in this forum. Thank you to all of our kindergarten and first grade teachers for taking the time to plan another session for parents!

I hope you'll join us on Wednesday morning at 9:30 a.m. We will hold the meeting in the cafeteria and it will last approximately one hour.

Have a wonderful weekend! Let's hope the snow passes us by this time!

Warmly,

Lynn Herschlein

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(notices you can access at our website and read/print from home)

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