**Math facts and Fun from Home**

**Everyone can do math from home! Have a healthy and fun time doing it!**

**Activity Choice 1:**

**-Morning exercises: Choose 3 or more exercises that you can count out (Ex: pushups, toe touches, running laps in a set time; planking for a set time. crunches, leg lifts, etc…)**

**-Using the inside of a box (crackers, cereal, or some form of a recycling cardboard, etc…) Keep a tally of each exercise and at the end of the week construct a graph of your choice showing week one’s progress.**

**-Repeat the picked activities each week and compare the graphs.**

**Be honest with yourself and see if you can get beat your previous week.**

**Activity Choice 2:**

**Now maybe you have been assigned *chores* around the house. No problem they could be your form of exercise! (Vacuuming, sweeping, dusting, washing windows, laundry, shoveling etc….) Now, because doing a good job is the key to any house work, yes time yourself and when finished that job get someone (parent or guardian) to inspect and rate your work from 1-5 (1=poorest 5=best) and tally up your time and evaluations. Graph it and compare the weeks work.**

**Activity Choice 3:**

**Well, maybe you’re the type that needs to look after younger siblings? One can have lots of opportunities for math activities too! Get you creative mind working, depending on the age of the other children. You could plan activities that could make your job a lot easier. (Challenges: bed making, breakfast clean up, morning exercises, teeth brushing, help with making lunch, the list is endless.) Collect the tally of items selected and represent it in a graph and then over the week compare the day to day activities and you could change them up from week to week. Compare over the time. You will be surprised how some children will love to get involved and see their progress.**

**Activity Choice 4:**

**Now some of you may be helping with the cooking or want to explore your talents in the area. (Check in with your parent and/or guardian first😊) If your cooking or baking, note ingredients and their order. Make note of the fractions in the recipe and tally them up and represent in a graph. Upon completion of the graph fine another way to model the fractions, mixed numbers and improper fractions. Have fun cooking! Don’t forget to make note of the best recipes!**

**Activity Choice 5: Budgeting Activity**

**-What is a Budget?**

***-A budget shows the amount money you make (Income) and the amount of money you spend (Expenses) over a set amount of time (day; week; month; year(s)).***

***-A budget is an activity of balancing income (totaling money coming in) vs expenses (money going out).***

**-Why do s budget?**

***It helps you to realize and plan. It helps you get a bigger picture of your money in and out. It is a method of controlling what and how you spend your money on things need/want/do.***

**Terms:**

1. **Income-a source of money in or earned through actions *Example: jobs, allowances, babysitting, selling things***
2. **Expenses-items or services you pay for *Example: bills, wants, needs,***
3. **Balance-this is the total amount of income minus the total amount of expenses (NOTE: *This is a number and it can be Positive (a good thing) or Negative (a not so good thing) or it can be a Zero (depends on the situation)***

**Construct the following charts:**

**1)Fill in some possible sources of income for yourself and determine the amount under each column.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sources of Income (Name it)**  | **Hourly or Daily**  | **Weekly**  | **Monthly**  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **TOTAL\*****The total is found by summing up (a*dding)* all the amounts.** |  |  |  |

**\*\*\*\*\*Add on more rows if needed\*\*\*\*\***

**2)Fill in some possible expenses for yourself and determine the amount under each column.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Expenses (Name it)** | **Hourly Cost or Daily Cost** | **Weekly Cost** | **Monthly Cost** |
|  |  |  |  |
|  |  |  |  |
| **TOTAL\*****The total is found by summing up (a*dding)* all the amounts.** |  |  |  |

 **\*\*\*\*\*Add on more rows if needed\*\*\*\*\***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sources of Income-****TOTALS** | **Subtract****(Difference)** | **Expenses****TOTALS** | **Equals** | **Balance****(Positive, Negative or Zero)** |
| **Daily: \_\_\_\_\_\_\_\_**  | **-** | **Daily: \_\_\_\_\_\_\_** | **=** |  **\_\_\_\_\_\_\_** |
| **Weekly: \_\_\_\_\_\_\_** | **-** | **Weekly: \_\_\_\_\_\_** | **=** |  **\_\_\_\_\_\_\_** |
| **Monthly: \_\_\_\_\_\_\_** | **-** | **Monthly: \_\_\_\_\_\_** | **=** |  **\_\_\_\_\_\_\_** |

**3)Now take the amounts in the “TOTAL” column from each chart and Balance them.**

 **\*\*\*\*\*\*NOTE: You can also complete a column for “Yearly” (*Annually)*\*\*\*\*\***

**Information for Analyzing:**

**If your total Balance column is positive then you have *extra money* to save.**

**If your total Balance column is negative then you are *short money* to pay for your expenses. Solutions could be, you need to either get more income or cut back on expenses. (*Look over the wants and needs in your expenses.)***

**If your total Balance column is zerothen you have just enough to pay out for all your expenses. (*In this case you do not have no room for increases in cost for your expenses so, you may want to plan for the possibility for changes.)***