

Dear Blackwell Parents,

Although summer has yet to arrive, the staff of Elizabeth Blackwell is looking ahead to the fall. We have planned and discussed how we, as teachers, will structure our lessons to provide mathematical challenges for your children. We would like to enlist your help ensuring that students are engaged in daily math practice throughout the summer break.

As a staff, we have identified two meaningful concepts, which are also essential lifeskills. These concepts are time and money. With this letter we have included activities, if practiced regularly, will strengthen mathematical skills in these areas. We recommend that you visit the district website which has additional activities to enhance your child's overall mathematical thinking. We strongly encourage every family to designate an allotted period of time to practice math each day.

Below you will find a guideline to the grade level standards for the concepts of time and money. Thank you for your support.

Sincerely,

The Staff of Blackwell Elementary

TIME:

Kindergarten: general time frame

1st: hr. ½ hr., quarter, min. 10:00 to 10:30.

2nd: to the 5 min increment

3rd: to the minute increment; passage of time

4th elapsed time—what is the difference between 3:50 and 4:40?

5th: adding and subtracting time; conversion of minutes to hours, hours to minutes

6th: relate time to story problems

MONEY:

K: Identify pennies, nickels, dimes, and quarters

1st: know the value of coins: penny, nickel, dime, quarter

2nd: adding different values of coins

3rd: adding and subtracting amounts of money in story problems

4th: understanding money value amounts from cents to larger numbers and being able to add, subtract and multiply money amounts

5th/6th: counting by irregular amounts; use of the decimals

Kindergarten:

General time frame

- Time your child on specific activities (how long it takes to clean their room or the car ride to the grocery store)
- Beat the timer-Challenge your child to do a task under an appropriate given amount of time.
- Observe and record things you see or do in a general time of day (morning, noon, night)

Money

- Sort out a pile of coins (from mom's purse, dad's pocket, coin hunt around the house, or a hand full of coins)
- Coin rubbing- Look at attributes of each coin. Identify and label each one. Write a descriptive sentence, a poem or story about the coin.
- Have a lemonade stand, play store at home, or get your child actively involved in a garage sale this summer

First Grade:

See School Website and 1st grade link for activities and guiding questions around time and money.

Second through Sixth Grade:

Money:

- Make grocery lists. Determine how much money is needed by adding amounts together. Younger grades can round off to the nearest dollar and add.
- Look through newspaper ads and compare which items are the best buys. Determine the difference.
- Take out restaurant menus are useful tools for teaching money/ decimals, as well.
- The older children could determine tax or tips.
- Balancing checkbooks by hand or with calculators and comparing their work to the online banking can be a challenging activity.
- Use a "fake" checkbook to keep track of money earned and spent this summer.
- Play the board game "The Allowance Game".

Time: Use the skills provided for each grade level to have conversations around time. Here are some examples but are not limited to:

- What is the difference between 3:50 and 4:40?
- It is 5:17pm. We are leaving for the store in 23 minutes. What time will we leave?
- You have 85 minutes to clean your room. Covert 85 minutes.
- Have an analog and digital clock available at home.
- Have your student plan and determine the time frame of one or multiple events or family outings. Build vocabulary and calendar skills around seconds, minutes, hours, days, weeks, months, leap years, years, decade, and century.