

Dear Parents,

We will begin our next unit of study in math soon. The information below will serve as an overview of the unit as you work to support your child at home. If you have any questions, please feel free to contact me. I appreciate your ongoing support. For additional information or electronic access to this letter, please visit [www.wcpss.net/mathhelp](http://www.wcpss.net/mathhelp).

Sincerely,

Your Child's Teacher

### **Unit Name: Understanding Time**

#### **North Carolina Content State Standards:**

NC.3.MD.1 Tell and write time to the nearest minute. Solve word problems involving addition and subtraction of time intervals within the same hour.

#### **Math Language:**

- Analog Clock
- Digital Clock
- AM
- PM
- Quarter Hour
- Half Hour
- Minute
- Second
- Hour Hand
- Minute Hand
- Elapsed Time

#### **Unit Overview:**

This unit focuses telling time. Within the unit, students review how to tell time, work on telling time to the nearest minute, and measuring time in intervals. Students will use clock models and number lines to measure elapsed time between two intervals. They will apply addition and subtraction strategies learned earlier in the year when solving elapsed time problems.

#### **Skills/Strategies:**

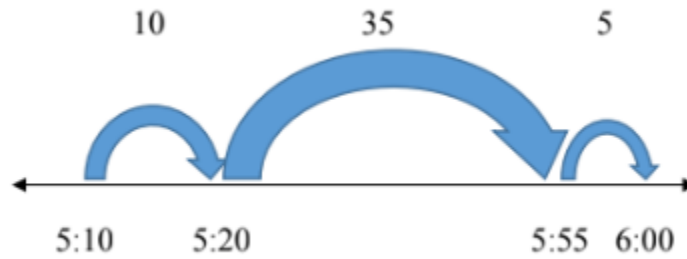
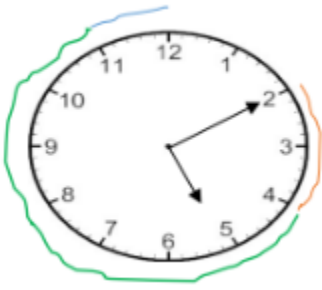
- Write and tell time to the nearest minute using digital and analog clock models
- Determine elapsed time (the amount of time passed) within the same hour
- Solve problems involving elapsed time within the same hour, using strategies for solving addition and subtraction

#### **Strategies that Students will Learn:**

Students should rely on addition and subtraction strategies to solve problems involving elapsed time, such as number lines and strategies based on place value (breaking numbers apart). Students can also use a clock drawing to help determine the amount of time that has elapsed.

Example problem:

Marshall begins riding his bike at 5:10pm. His warm up lasts for 10 minutes. He rides his bike for 35 minutes, and cools down for 5 minutes. What time will Marshall finish his bike ride (warm up, ride, and cool down)?



### Video Support:

Video support can be found on Learn Zillion: <https://learnzillion.com/>

- [reading-the-exact-minute-on-a-clock](#)
- [reading-the-exact-time-on-a-clock](#)
- [solving-elapsed-time-word-problems-to-the-nearest-five-minutes](#)
- [solving-elapsed-time-word-problems-to-the-nearest-minute](#)

### Additional Resources:

- [NCDPI Additional Resources](#)

### Questions to Ask When Helping Your Child with Math Homework

Keep in mind that homework in elementary schools is designed as practice. If your child is having problems, please let the classroom teacher know. When helping your child with his/her math homework, you don't have to know all the answers! Instead, we encourage you to ask probing questions so your child can work through the challenges independently. Some examples may include the following:

- What is the problem you're working on?
- What do the directions say?
- What do you already know that can help you solve the problem?
- What have you done so far and where are you stuck?
- Where can we find help in your notes?
- Are there manipulatives, pictures, or models that would help?
- Can you explain what you did in class today?
- Did your teacher work examples that you could use?
- Can you go onto another problem & come back to this one later?
- Can you mark this problem so you can ask the teacher for an explanation tomorrow?