

Jackson Road Elementary School Fourth Grade 2025

Upcoming Dates

- August 25th: Transition Day
 - Only for New Students
- September 1st: No School (Labor Day)
- Back to School Night
 - September 9th: Gr 3-5
 - September 10th: K-2

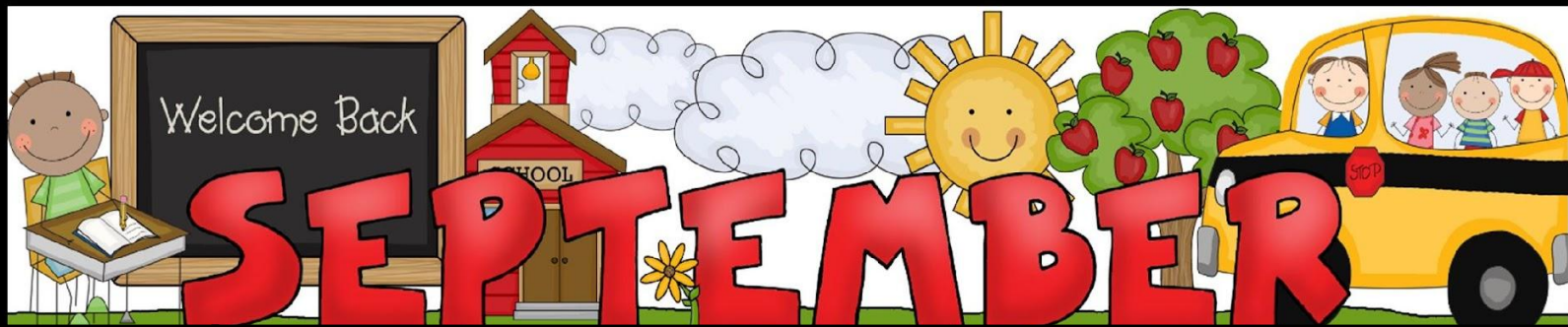
6:00 pm – 7:30 pm
- September 23rd: No School
- September 26th: Early Release

Teacher Contact Information

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Reminders

- No soda, candy, or family size bags of chips for lunch
- Please be sure to sign up for Parent-Teacher Conferences in November **at Back to School Night**
- All Communication will come through Synergy and the **Parent Square** app. It will look like a text notification
- Please check students' backpacks for important papers regularly
- Homework will be sent home weekly
- Students also have access to online learning programs at home
- We will continue to have "attendance parties" – we want to celebrate your kids and their dedication to school!
- For dismissal changes, email your child's teacher or call the school before 3:00 p.m



Math

This year, we start off in math by building on our knowledge of whole numbers. Students will develop their understanding of millions by building knowledge of the pattern of times ten in the place value chart. Students will also become fluent in using the standard algorithm for addition and subtraction with numbers into the millions.

Math 4/5

In September, we will finish the Grade 4 Module 1 and begin Module 2. In Module 1, students develop their understanding of millions by building knowledge of the pattern of times ten in the place value chart. Students will also become fluent in using the standard algorithm for addition and subtraction with numbers into the millions. In Module 2, students work on unit conversions and problem solving with metric measurement.

CKLA Reading & Writing

This unit introduces students to the medieval history of Europe and the Islamic Medieval Empires, exploring the impact these regions have had on the modern world. Students will build background knowledge to better understand complex texts and engage in discussions that enhance their global awareness. Throughout the unit, they will also practice writing by taking notes, forming opinions, and drafting persuasive paragraphs based on their readings. Parents can initiate conversations with their children using suggested questions, such as asking about the Middle Ages, discussing the pros and cons of living in medieval towns, or exploring the process of becoming a knight. These prompts help reinforce learning and encourage deeper understanding of the material.

Science

In this science unit, fourth grade students explore the concept of energy and how it moves and changes in different situations. They begin by learning how energy makes objects move and start designing a Rube Goldberg machine to demonstrate energy transfer. Throughout the lessons, students investigate different types of energy, including sound, heat, and light, through hands-on experiments like building instruments, measuring heat with thermometers, and creating simple circuits to light bulbs. They also apply their understanding by programming a robot to send messages using energy transfer. The unit concludes with students using their knowledge to complete their Rube Goldberg machines and reviewing key energy concepts, making for an engaging and practical introduction to the world of energy.

Health

In this health unit, students explore what it means to be healthy physically, mentally, and socially. They learn why understanding health is important and how to recognize healthy versus unhealthy behaviors. The lessons focus on developing health literacy skills, such as analyzing influences on health decisions and evaluating reliable health information. Students also practice communication skills to promote health and learn how to make healthy choices. They are introduced to setting SMART goals to help improve their personal well-being. Finally, students engage in advocacy by creating messages to support health awareness, empowering them to take an active role in promoting healthy habits.

MCPS will be sending home specific information about learning content. Please be sure to review the material. Options for parents will be provided.