WHY IS STEM IMPORTANT?



Increases innovative thinking



Encourages and inspires creativity



Fosters collaboration and communication



Builds confidence and teachers' acceptance of failure

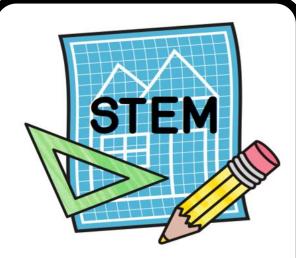


Prepares students for careers in high demand

The number of STEM related jobs are growing twice as fast as non-STEM careers. We are committed to ensuring student success today and tomorrow.

BURNT HICKORY STEM VISION:

The vision at Burnt Hickory Elementary School is to provide a challenging learning environment in Science, Technology, Engineering, and Mathematics. We will promote creative and critical thinking that ensures students are well-equipped to meet the challenges in the world around them.



SCIENCE TECHNOLOGY ENGINEERING MATHEMATICS



WHAT IS STEM?

STEM stands for science, technology, engineering, and math. STEM experiences connect learning to real-world problems and solutions while fostering inquiring minds, logical reasoning, and collaboration skills. Through these experiences, STEM education fosters the next generation of innovators.



STEM Design Process Burnt Hickory



Each grade level will be conducting Problem-Based Learning (PBL) this year.

What is PBL? PBL is a student-centered approach in which students learn about a subject by working in groups to solve an open-ended problem. This problem is what drives the motivation and learning.

DO YOU OR A FAMILY MEMBER WORK IN A STEM RELATED FIELD?

Astronomy and Space Coding **Digital Citizenship Electrical Circuits** Energy: Heat, Light, Sound **Environmental Engineering** Force and Motion Gardening Wildlife Flight Joining Techniques Momentum Natural Disasters Robotics Simple Machines **Structures** Video Game and App Design And so many more!!

We would love for you to be a guest speaker! Bring a hands-on demo or sample if you can!