

# WHY IS STEM IMPORTANT?



Increases innovative thinking



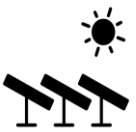
Encourages and inspires creativity



Fosters collaboration and communication



Builds confidence and teachers' acceptance of failure

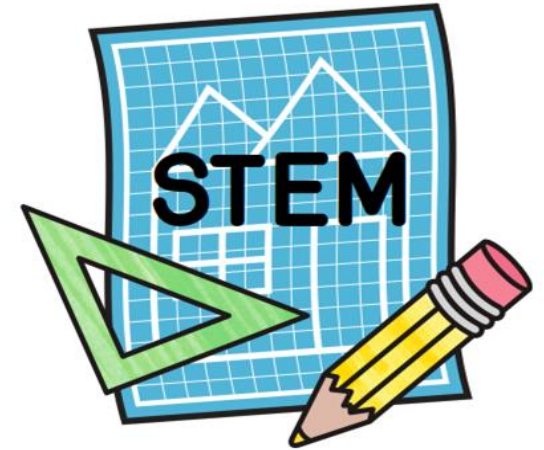


Prepares students for careers in high demand

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



# STEM Design Process

## Burnt Hickory



## What is PBL?

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

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!