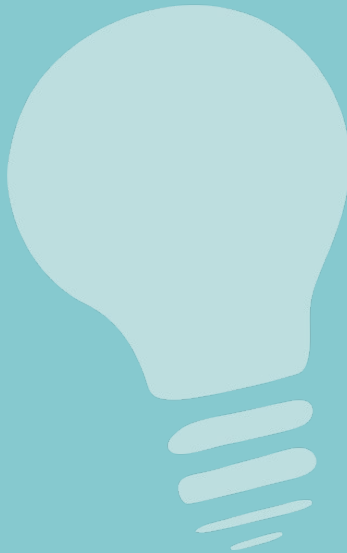
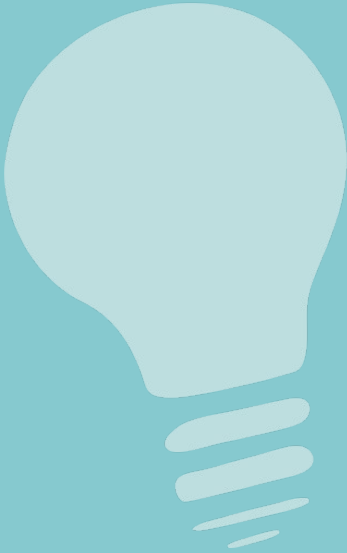


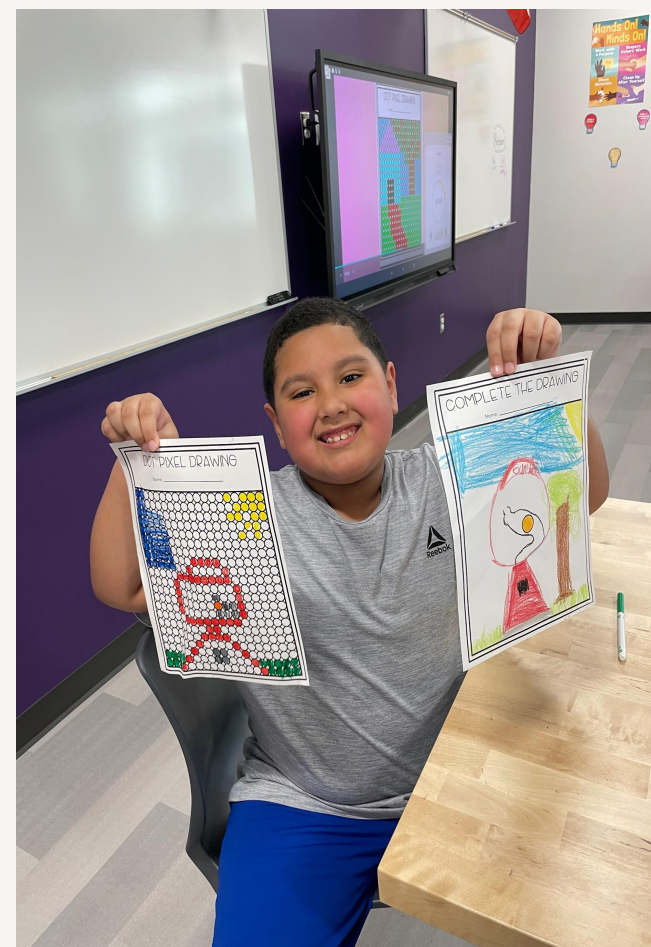


# Makerspace at Peach Creek



# What is Makerspace?

Makerspace invites students to explore through hands-on, creative, and collaborative experiences. It promotes critical thinking, problem-solving, and teamwork by engaging students in meaningful, experiential learning. Through the processes of planning, creating, testing, and improving their projects, students develop essential skills such as creativity, perseverance and communication. While it may look like simple play, a closer look reveals minds hard at work—experimenting, innovating, and thinking critically!





# Pipe Cleaner Challenge

The pipe cleaner tower challenge is a fun, hands-on activity that promotes creativity, problem-solving, and teamwork. Students were given 15 pipe cleaners and tasked with building a free-standing tower. Following the design process—plan, build, test, and improve—each group created their tower. At the end, we measured the structures to see which was the tallest and analyzed the unique designs of each. Now, our students will discuss how they came up with their design.





# Makerspace Trays

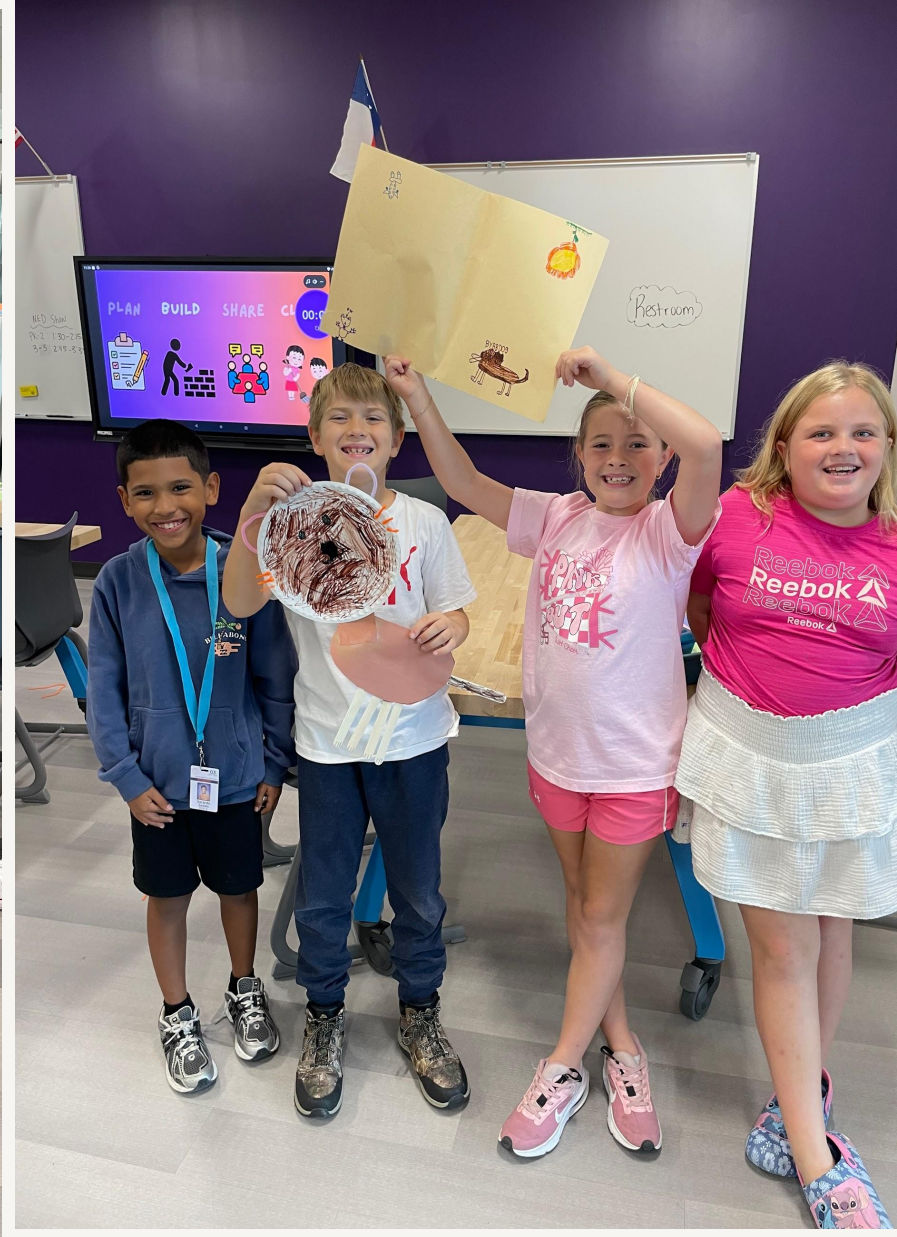
Makerspace trays are a simple and engaging way to introduce younger students to hands-on creativity and making. Each tray contains maker materials—such as craft sticks, pipe cleaners, straws, yarn, pom-poms, and pieces of construction paper—and invites students to explore, experiment, and build, either freely or around a guided challenge. Can you imagine what our young makers have created?





# Collaboration Station

In this activity, students explored the power of collaboration and compromise. They were encouraged to think creatively and imagine all the different ways a paper plate could be transformed. After brainstorming ideas individually, each group worked together to select one design to bring to life, learning how to combine ideas and make group decisions along the way.





# Index Card Challenge

In this activity, students were challenged to create a structure using index cards and dot stickers. Each group received 20 cards and 15 dot stickers and worked together through the design process to complete their build. At the end of class, we compared and measured each group's structure and discussed the challenges they encountered, including how they adapted as their cards continued to fall during construction.





# Paper Chain Challenge

In the paper chain link challenge, students used three sheets of construction paper and 25 inches of tape to design and build the longest chain possible. They assigned team roles, experimented with cutting and linking strategies, and practiced creative problem-solving and collaboration. During the share portion, groups compared their chains and reflected on how their design choices affected the final results. Today, our students will demonstrate how they built their chains.





# Favorite Things

Aubree -

Olivia -

Skylar -

