

Dear PS2 Families,

Welcome to an exciting year of science at PS 2! We are thrilled to share that this year your child will be learning science through the **Amplify Science** program, a high-quality, research-based curriculum developed by the Lawrence Hall of Science at the University of California, Berkeley.

About Amplify Science

Amplify Science is designed to engage students in the practices of science and engineering while building deep content knowledge. Each unit presents a real-world problem that students investigate by reading, writing, discussing, and conducting hands-on experiments. This inquiry-based approach helps students learn to think like scientists, ask questions, analyze evidence, and solve complex problems.

What to Expect This Year

Throughout the school year, your child will explore a variety of topics in life, physical, and earth sciences. A few examples of what we'll be covering include:

- Students investigate how organisms survive in their environments by studying animal adaptations and defenses.
- Students explore how natural processes such as erosion and earthquakes change the Earth's surface.
- Students examine how light and sound travel and interact with objects.
- These units are aligned with the **Next Generation Science Standards (NGSS)**, ensuring your child is gaining the skills and knowledge necessary for future success in science and engineering.

How You Can Support at Home

We encourage you to talk with your child about what they are learning in science class. Ask them to explain their current investigation, share what they're discovering, and demonstrate how they're thinking like a scientist. When possible, explore science together through books, outdoor exploration, or simple experiments at home.

If you have any questions about the Amplify Science program or how your child is progressing in science, please don't hesitate to reach out.

We're looking forward to a year full of curiosity, discovery, and learning!

If you can kindly donate paper towels, a box of tissues, pencils, and wipes that would be very much appreciated.

Sincerely,

Christine Oswald/Science Teacher