Grade 6 Science
Weather Patterns Unit
Family Letter

Your student is about to start a unit called **Weather Patterns** in science class. We are using a program called Amplify Science, which is split up into units about different areas of science. In each unit, students start by wondering about something that happens in the real world. They investigate, talk, read, write, and think like real scientists and engineers in order to figure out how and why that thing happens. You can help your student solve this science mystery bit by bit throughout the unit. Much of what your student is figuring out may also be new to you. We hope you can enjoy discovering new ideas along with your student!

In the Weather Patterns unit, students learn about a town that has recently started having more severe rainstorms. As they figure out why the weather in the town is changing, students get familiar with the practices of science, including the specific ways that scientists talk, read, collect and analyze evidence, and more. These practices will be important as students study science throughout their education. The unit gives students many opportunities to consider different questions about rain, wind, and temperature; gather evidence to help them understand; and then use that evidence to make an explanation. This means students will be doing activities that involve talking, writing, reading, and investigating.

In this unit, students are investigating severe rainstorms in a place called Galetown. You may wish to ask your student:

● "What did you figure out in your science lesson today?"
● "How does that help you understand why the recent rainstorms in Galetown have been so severe?"

Answering these questions can help students understand more deeply and keep them interested in learning more. To get more ideas for Weather Patterns, you can go to the Amplify Family Resources website at amplify.com/amplify-science-family-resource-intro.

Thank you for helping to support your student in their science learning!

Your child's science teacher