

PBIS



DIVING INTO SCIENCE

As a student scientist, you will...

**Ask
QUESTIONS**

**APPLY
MEANING**

Pursue
ANSWERS

Make
MEANING

Share
ANSWERS



What's the Big Question?

How Do Scientists Work Together to Solve Problems?

Welcome to your new science Unit. This Unit and the others you complete this year will offer you exciting challenges and opportunities to learn science. Science involves learning very interesting facts, but that's not all science is. A large part of *learning science* is being able to analyze and make sense of the world around you in an organized and logical way. Scientists learn how to do this to be successful at what they do. But scientists are not the only ones who can benefit from this kind of reasoning; you might find it useful too.

In this Unit you will learn how to tackle problems and challenges as a scientist does. There is a lot that scientists do to make sure that they solve problems in an organized and logical way. You will experience and use many of these scientific practices. You are not expected to learn everything about being a scientist in just a few weeks, but you will learn a lot. The lessons you learn will help you be more successful in this year's science Units. They will also help you in future science classes and even in your life!

Your challenge is to understand how scientists solve problems. Because this is such a BIG challenge, you will work on four smaller challenges in this Unit. Each one will give you a chance to learn a few practices and behaviors. Then you will use what you've learned to answer the *Big Question: How do scientists work together to solve problems?*

Some of you may have already begun learning about what scientists do and how they work together. Therefore, much of this Unit will be review. That review will be useful to you. It will give the members of your class a chance to learn to work together. It will also allow you to share what you've learned in other years with your new classmates. You will also find new things to learn in this Unit. There is new science content and practices of scientists that you haven't discussed a lot before.

Have fun being student scientists!