Science Inquiry and Application Standards, grades K-4:
(Ohio Department of Education, March 2011)

During the years of PreK to grade 4, all students must develop the ability to:

- Observe and ask questions about the natural environment
- Plan and conduct simple investigations
- Employ simple equipment and tools to gather data and extend the senses
- Use appropriate mathematics with data to construct reasonable explanations
- Communicate about observations, investigations and explanations
- Review and ask questions about the observations and explanations of others

Students are researchers!

I am a Researcher

The Scientific Method in Action
Step 1: Question

**What makes you curious?**

I wonder...

Can I make really big bubbles?

Today, I learned the scientific method.

I’m proud to be a researcher.
Step 2: Hypothesis

Make a guess!

I think...

The bubbles might be bigger if I use different soaps!
Step 3: Experiment

Test your idea!

I see...

I'm testing bubbles with five different soaps.

Step 4: Discovery

What did you find?

I learn...

The blue bubbles were the biggest!