

We Are All Scientists, 2009

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Synopsis

ATTENTION ALL SECOND GRADE TEACHERS!!!!!! Do you teach science? Of course you do!! All year long, you have science goals and objectives to teach your students through experiments and problem-solving. Students need hands-on exposure when it comes to science and math in order to have a conceptual understanding of the content. In order for students to fully take ownership of their learning during science time, they must discover that they can be scientists. They must feel empowered! Most second graders do not consider themselves scientists and wait for science to come to them instead of considering how to solve scientific problems themselves. My unit is a beginning-of-the-year unit to teach students about seven process skills for science that all scientists use in order to find out information. When they realize that they can do the same things that scientists can do, they will make the connection that they can be scientists, too. Also included in this unit are examples of how people who are not typically thought of as scientists use process skills in other areas of life, and this proves to students the title of my unit, "We are all scientists."