



# Reflections

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## ***SCI is Moving to Colorado!***

You may have noticed that our address in the title banner has changed. Science Curriculum Inc. is pleased to announce the opening of its new office in Lakewood, Colorado! Even though we are moving, our toll-free number and email address remain the same. However, beginning in October, our mailing address and fax number will change. As of October 1, 2005, our new contact information will be:

**Science Curriculum Inc.**  
**200 Union Blvd., Suite G-18**  
**Lakewood, CO 80228**  
**Toll-free 888-501-0957**  
**Fax: 303-989-1473**  
**Email: [sales@sci-ips.com](mailto:sales@sci-ips.com)**

Our new staff (see accompanying article on page 2 of this issue) looks forward to serving you from our new office!

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## **A Supply Tip for Chapter 10 of *IPS-8***

In the new, 8th edition of *Introductory Physical Science (IPS-8)*, Chapter 10 deals with the classification of elements and the periodic table. Following Section 10.2 Classifying Elements, the *Teacher's Guide and Resource Book* (pp. 218-220) highly recommends using a demonstration to make the text discussion more concrete. In this electrolysis demonstration, 2 grams of zinc iodide are used to show that some elements are deposited at the negative electrode and others at the positive electrode.

During the laboratory development of this demonstration in early 2005, the authors purchased 50 g of zinc iodide for about \$20 from Fisher Scientific ([www.fishersci.com](http://www.fishersci.com)). Even if the price

has changed slightly, you may find that purchasing ZnI<sub>2</sub> in this quantity is more economical than obtaining the chemical in smaller amounts. We have heard that one supplier intends to sell 5 g of zinc iodide for more than \$90.

There is a drawback to buying a multi-year quantity of zinc iodide, however. Solid zinc iodide is hygroscopic, which means that it readily attracts moisture. If solid zinc iodide is left open to the air, it becomes wetter as time goes on. While this will not affect its usefulness in the demonstration, it is probably undesirable. Hence, the bottle's lid should be removed for as short a time as possible, and it should be secured tightly when the bottle is closed. Ideally, the bottle

*continued on page 2*

## Changes in SCI Staff and Officers

As with many organizations, some changes are underway within Science Curriculum Incorporated. Aside from the change in our mailing address and fax number noted in the lead article, most will not have any direct effect on you, but we wanted you to know what was occurring. After 12 years as president, Uri Haber-Schaim, the founder of SCI, is retiring and assuming the role of president-emeritus. Uri will remain active in the creative and development side of the company and will be in frequent contact with the new Colorado office.

Harold Pratt, vice president since the inception of SCI, assumed the presidency on September 1. Harold was a member of the original *IPS* development team at Educational Development Center and actively supported the use of *IPS* as Science Coordinator in the Jefferson County (CO) Public Schools until his retirement. He is a co-author of both *IPS* and *FM&E*.

Robert Stair became the vice president on September 1 and will be responsible for direct-

ing the operation of the new office in Lakewood, Colorado. Bob recently retired from the Jefferson County School District in Colorado where he served as a science teacher and high school assistant principal, and had experience as an *IPS* teacher. He is a co-author of *FM&E* having spent time in Belmont working full time with Uri on the creation of that course. Graden Kirksey, another co-author of *IPS* and *FM&E* remains as the treasurer of SCI.

With the movement of the office to Colorado, Angela Carbone will be retiring as the coordinator of school services when the Belmont office closes in October. Already at work in the Colorado office is our new coordinator, Julie Miller. Julie is a certificated teacher working on her advanced degree in history. We welcome Julie to the SCI family and bid farewell to Angie after many years of dedicated and high quality service to SCI.

Bob, Harold, and Julie will be in the new office and ready to serve you. Please contact us at 888-501-0957 and let us know what we can do to help.

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## Hurricane Katrina Affects Our Newest Co-Author

Following Hurricane Katrina, our thoughts go out to all those affected by the storm, including the teachers, school children, their families, and the schools they attend.

Our SCI family was also affected. Many of you know Peter Gendel, our newest co-author (*IPS-8*), either through his work as our Teacher-in-Residence last year or as a leader of the *IPS* summer workshop at Colorado School of Mines. Peter and his wife Jenna had to leave their home in New Orleans as Hurricane Katrina approached and have not yet been

able to return. However, we are happy to note that even though satellite images and reports from various individuals say that the water literally came right up to the door, Peter's home apparently remained dry! The Newman School in New Orleans, where Peter teaches *IPS* and *FM&E*, also appears to have escaped major damage. It is closed while the New Orleans clean-up continues, but it is tentatively scheduled to reopen after the first of the year.

We wish a speedy recovery to the staffs, students, and families of all the schools affected by Katrina.

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### ***IPS-8* Supply Tip** *from page 1*

of zinc iodide should be stored in a desiccator with a desiccant, but this piece of glassware is not normally available in middle school storerooms. Therefore we suggest placing the tightly capped bottle of zinc iodide inside a second jar having a top that is securely fastened with an air-tight gasket. An old canning jar or peanut butter jar (with the food label removed and a proper label affixed) will do. In this way, you should be able to keep the sample dry for several years, and you will have saved your school a significant amount!

## For Additional News and Information

For additional information, including previous issues of *Reflections*, be sure to check our web site at

**[www.sci-ips.com](http://www.sci-ips.com)**

## With Publication of the Assessment Package, *IPS-8* Is Complete!

SCI is pleased to announce that the *Introductory Physical Science* Assessment Package for the eighth edition of *IPS* is now available! The addition of this valuable support package, completes the *IPS-8* "trio" which also includes the student textbook and the Teacher's Guide and Resource Book. The current costs of all three components are listed below:

<i>Introductory Physical Science</i> , Eighth Edition (2005)	
Student Textbook (SCI-808-4405)	\$42
Teacher's Guide (SCI-810-1440)	\$65
Assessment Package (SCI-820-9287)	\$40

A useful companion to the Assessment Package is our *Diagnostic Analysis* software. *Diagnostic Analysis* provides feedback to students and helps teachers make informed decisions on instruction. Purchasers of *Diagnostic Analysis* are provided with test analysis files for the 7th and 8th editions of *IPS*, as well as for *FM&E*, at no charge. Call us at 888-501-0957 for more details.

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### Tips to Share?

If you have any pedagogical, logistical, or money-saving tips that you would like to share with other *IPS* and *FM&E* teachers, please let us know! We will consider them for publication in future issues of *Reflections*.

To submit a tip, simply email it to us at:

sales@sci-ips.com

Be sure to include your name and the name of your school. We will of course give appropriate credit to those submitting tips that are published.

## *IPS* Seventh Edition Will Remain Available

The eighth edition of *IPS* contains major differences from the seventh edition. In early chapters, some material has been removed. Chapters 10-12 have been deleted completely, and a new Chapter 10, dealing with classification of elements and the periodic table, has been added. We want to assure those teachers who cannot upgrade to *IPS-8* at this time, as well as those who simply prefer to continue to teach *IPS* as it is presented in the seventh edition, that we will not abandon you! We intend to keep the seventh edition in print at least through the year 2010.

To order the seventh edition, please use the information listed below.

For the Student Text...

Title: *Introductory Physical Science* (7th ed.)

ISBN: 1-882057-18-x

Item #SCI-023-9821:

Price: \$42.00

For the Teacher Guide...

Title: *IPS Teacher's Guide and Resource Book* (7th ed.)

ISBN: 1-882057-22-8

Item #: SCI-201-2559

Price: \$65.00

For the Assessment Package...

Title: *IPS Assessment Package* (7th ed.)

Item #: SCI-023-9821

ISBN: 1-882057-23-6

Price: \$40.00

Please keep in mind that the Teacher Guide and Assessment Package will only be sold to bona fide users of the seventh edition of *IPS*.

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### Want More Frequent Support?

As is pointed out in the above article, we would like to provide tips and support to *IPS* and *FM&E* teachers on a more frequent basis. But postal mailings are very expensive. Even without the cost of printing, we used over 4,000 stamps to send out this issue! You do the math! To allow us to change to move toward a bi-monthly or monthly newsletter, we would like to start providing *Reflections* by email. If you would be willing to participate in our pilot project for getting this going, please let us know by emailing us at

rstair@sci-ips.com

Please specify SUBSCRIBE in the subject line. In the body of the message include your name, your email address, your school's name, and your school mailing address. Rest assured that Science Curriculum Inc. respects your privacy and will not divulge your name or email address to any other organization or individual.