

FALL

- One Tuesday a month
- Oct 24, Nov 28, Dec 12
- 5:00–8:00pm

SPRING

- One Tuesday a month
- Jan 30, Mar 5, Apr 2
- 5:00–8:00pm



\$

- **\$50**/workshop
- **\$140** per series
- **\$100** for 0.9 CEUs  
(must attend full series)

### SIRC workshops include..

- networking dinner
- selection of workshops for K-12 teachers
- raffle entry for a class set of workshop materials
- parking pass for Sacramento State

For participants paying their own registration you can **receive 50% off a 3-workshop series**. In order to be eligible, you must commit to attending the **full series**. Limited funding is available!

*Thank you to MSTI for their funding this year to support teacher education!*

**REGISTER ONLINE @ [www.sasp-science.org/sirc](http://www.sasp-science.org/sirc)**

Science in the River City (SIRC) is a standards-based professional development program for **K-12 science teachers**. It's held at Sacramento State six times during the academic year, and is designed to deepen teachers' understanding of science and provide innovative ideas, lessons, and strategies for teachers to use in their classrooms.

**Workshops are aligned with the Next Generation Science Standards**, and include hands-on labs and activities. Instructors are university faculty and experienced Sacramento Area Science Project teacher leaders.

<b>Oct. 24</b>	3-2-1 Blast Off! Paper Rockets and the Forces of Flight <i>Corinne Lardy</i> For Grades K-5	Movement, Senses & Youth Development <i>Peter Mayfield &amp; Chris Griesemer</i> For Grades K-12	Building Thinking in a Biology Classroom <i>Steven Ramsay</i> For Grades 9-12	Physics With a Bang <i>Liz Johnson</i> For Grades 9-12
<b>Nov. 28</b>	Exploring Pollinators Using Your School Site <i>Lorie Hammond</i> For Grades TK-3	How to Make Amplify Work for Your Students <i>Judi Kusnick</i> For Grades 3-6	Any Kid Can Write A CER <i>Michele Hetland</i> For Grades 6-8	Mars' Interior: How do we know what's inside? <i>Melissa Marcucci</i> For Grades 6-12
<b>Dec. 12</b>	Let's Discuss! Promoting Whole Class Discussion in Primary Grades <i>Kate Elliott</i> For Grades TK-2	Modeling Essentials with MBER Natural Selection <i>Julie Harr</i> For Grades 6-12	Develop Models For Understanding Sky and Temperature Phenomena <i>Rich Hedman</i> For Grades 6-8	You Don't Have to be Oppenheimer to Teach Nuclear Reactions <i>Brian Ellis</i> For Grades: 9-12

We have two 3-part series offered this spring in addition to our stand alone workshops. Attend all three for a comprehensive look into STEM Integration of Materials Science or Environmental Literacy, or only attend 1-2 workshops in the series. Attending the first workshop is not a pre-requisite for attending the following ones.



STEM Integration of Materials Science in Physical Science <i>Mafe Aguilar</i> For Grades 6-12	Educator Environmental Literacy Series <i>Austin Roughton &amp; Todd Gillihan</i> For Grades: K-12
Level Up Polymers	Living the EP&Cs: Cultivating Connections Between Humans & Natural Systems in Our Region
Reimagine Composites	Spaces of Discovery: Tapping into your School Site's Potential
Materials Failure Analysis	Community Stewardship: Environmental Literacy in Action

<b>Jan. 30</b>	Engineering Models in Elementary <i>Ingrid Salim</i> For Grades 3-5	Cool (Very Cold) Science <i>Liz Shoemaker</i> For Grades 6-12
<b>Mar. 5</b>	5th Grade Particle Model: Sucking on a Lifesaver <i>Elaine Trull</i> For Grades 5	Meaningful Grading as a Collaboration Tool <i>Brian Ellis &amp; Melissa Marcucci</i> For Grades 6-12
<b>Apr. 2</b>	Using Tools for Teachers to Design Water-wise Habitats <i>Kelli Quan</i> For Grades 1-8	Making Math Meaningful in Chemistry <i>Antoinette Corbin</i> For Grades 9-12