

**REL-Pacific Presents: “Developing Effective Fractions Instruction for K-8th Grade”
 Bridge Event Participants Agenda
 Pacific Region, August 24, 2011**

Participants Agenda	
1:00 - 1:10 pm	Registration and welcome participants – Destin Penland
1:10 - 1:15 pm	Purpose of event, introduction of presenter and REL Pacific practitioners – Destin Penland <ul style="list-style-type: none"> ▪ Review of days agenda ▪ Introduction to Practice Guide Author– Dr. Yukari Okamoto ▪ Introduction of Respondent–Dr. Lesley Lee
1:15 - 1:20 pm	IES Practice Guide: Growing the Market for Good Research in Education <ul style="list-style-type: none"> • Research and evidence contained in practice guide – Destin Penland
1:20 - 2:00 pm	Key note Presentation on Recommendations 1, 2, and 3 – Dr. Yukari Okamoto 1) build on students informal understanding, 2) help students understand that fractions are numbers that expand the number system beyond whole numbers, and 3) help students understand why procedures for computation with fractions make sense. <ul style="list-style-type: none"> • Review of the research and levels of evidence • Practical research based strategies for implementing recommendations • Potential Roadblocks and Solutions Regional Expert Response– Dr. Lesley Lee
2:00 - 2:20 pm	Q&A on Recommendations 1, 2, and 3 – Dr. Lesley Lee and Dr. Yukari Okamoto
2:20-2:40 pm	Key Note Presentation on Recommendation 4 and 5 – Dr. Yukari Okamoto 4) develop students understanding of strategies for solving ratio, rate, and proportion, and 5) professional development should place high priority on improving teachers’ understanding of fractions and of how to teach them. <ul style="list-style-type: none"> • Review of the research and levels of evidence • Practical research based strategies for implementing recommendations • Potential Roadblocks and Solutions Regional Expert Response– Dr. Lesley Lee
2:40-3:00 pm	Q&A on Recommendations 4 and 5– Dr. Lesley Lee and Dr. Yukari Okamoto
3:00-3:30 pm	Small Group Activity: Contextualizing Recommendations and Implications for Practice Small Group Discussion Prompts: Lead by Dr. Lesley Lee and Dr. Yukari Okamoto -How do the recommended strategies converge/diverge from your experience of what works in fractions instruction? -Could each recommendation be applied in your context as is? Would they require modification? If so how? -What next steps would you take to implement the recommendations in your work? What is something you could do in the next month? - What follow-up support would you require to implement the recommendations?
3:30-4:30 pm	Groups Present out Key Ideas from small group discussions followed by key note and regional expert feedback/responses: Dr. Lesley Lee and Dr. Yukari Okamoto
4:30-4:45pm	Summary and Possible Next Steps – Destin Penland, REL Pacific Bridge Event Coordinator, will discuss possible next steps for the SEAs and how REL Pacific can support their efforts to implement the research based recommendations.
4:45-5:00pm	Closing; participant complete Bridge Event rating form – Destin Penland

**REL-Pacific Presents: “Developing Effective Fractions Instruction for K-8th Grade”
 Bridge Event Participants Agenda
 Pacific Region, August 24, 2011**

Detailed Agenda	
1:00 - 1:10 pm	<p>Registration and welcome participants – Destin Penland</p> <p><u>Objectives include:</u></p> <ol style="list-style-type: none"> 1) ensuring accurate collection of participant contact information through registration process 2) dissemination of basic materials for each participant to fully engage in Bridge Event <p><u>Structure:</u> registration set up at each PREL SC office by REL Pacific staff</p> <p><u>Resources:</u> Disseminate folder with Bridge Event required info including:</p> <ul style="list-style-type: none"> ✓ Registration form ✓ WWC materials (brochure and FAQ) ✓ BE Participants Agenda ✓ Bio of speakers ✓ Hard copy of Practice Guide ✓ Hard copy of key note presentation ✓ IES Bridge Event rating form
1:10 - 1:15 pm	<p>Purpose of event, introduction of presenter and REL Pacific practitioners–Destin Penland</p> <ul style="list-style-type: none"> ▪ Introduction to Practice Guide Author – Dr. Yukari Okamoto ▪ Introduction of Respondent– Dr. Lesley Lee <p><u>Objectives include:</u></p> <ol style="list-style-type: none"> 1) introduction of keynote that includes her extensive expertise on the topic 2) introduction of respondent and her expertise on the topic <p><u>Structure:</u> introduction will presented to the large group via PowerPoint</p> <p><u>Resources:</u> bio of presenters will be disseminated as resource for participants</p>
1:15 - 1:20 pm	<p>IES Practice Guides: Growing the Market for Good Research in Education</p> <ul style="list-style-type: none"> • Research and evidence contained in practice guide – Destin Penland <p><u>Objectives include:</u></p> <ol style="list-style-type: none"> 1) review the purpose of WWC 2) review the purpose of Practice Guides and process for selecting topics and panelists 3) review the process used to determine evidence to support practice guides and how levels of evidence are used to rate recommendations. <p><u>Structure:</u> introduction will presented to the large group via PowerPoint</p> <p><u>Resources:</u> WWC brochure and FAQ will be disseminated as a resource for participants</p>
1:20 - 2:00 pm	<p>Key note Presentation on Recommendations 1, 2, and 3 – Dr. Yukari Okamoto</p> <ol style="list-style-type: none"> 1) build on students informal understanding, 2) help students understand that fractions are numbers that expand the number system beyond whole numbers, and 3) help students understand why procedures for computation with fractions make sense. <ul style="list-style-type: none"> • Review of the research and levels of evidence • Practical research based strategies for implementing recommendations • Potential Roadblocks and Solutions <p>Regional expert will share current practices in the field used by SEAs and how they align or not with the practice guide recommendation– Dr. Lesley Lee</p> <p><u>Objectives include:</u></p> <ol style="list-style-type: none"> 1) detailed explanation for recommendations 1, 2, and 3 from the Practice Guide 2) review of the research supporting each recommendation and their levels of evidence, including limitations of the supporting research for each of the recommendations

	<p>3) provide practical examples for participants about how each recommendation can be implemented</p> <p>4) provide detailed examples of roadblocks for implementing each recommendation and suggestions for how participants can overcome the roadblocks.</p> <p>5) discuss current practices in the region and their alignment to the recommendations</p> <p><u>Structure:</u> this portion of the keynote will be done to the large group via PowerPoint</p> <p><u>Resources:</u> hardcopy of the practice guide and copy of the PowerPoint presentation will be disseminated as a resource for participants to use.</p>
2:00 - 2:20 pm	<p>Q&A on Recommendations 1, 2, and 3: Dr. Lesley Lee and Dr. Yukari Okamoto</p> <p><u>Objectives include:</u></p> <p>1) provide structured opportunity for participants to dialog with experts and ask specific questions to clarify their understanding of the research supporting each recommendation</p> <p>2) provide structured opportunity for participants to dialog with expert and ask specific questions to clarify the implication of the recommendations for their practice</p> <p><u>Structure:</u> participants will work in mixed small groups of 5-8. The small groups will be given 10 minutes to discuss the key note presentation of the first three recommendations and then compile questions. Each small group will then select one question to pose to the expert or the respondent for their response. The presenters will then respond to one question from each of the small groups. The remaining questions will be posted in the Webinar chat area for the presenter to respond to at a later time. REL Pacific staff will circulate among the small groups to provide guidance and ensure they are on task.</p> <p><u>Resources:</u> participants groups will be provided access to a laptop in order to record their group question. They can also refer to their copy of the practice guide and keynote PowerPoint presentation to support them in formulating questions.</p>
2:20-2:40 pm	<p>Key note Presentation on Recommendation 4 and 5 – Dr. Yukari Okamoto</p> <p>4) develop students understanding of strategies for solving ratio, rate, and proportion, and</p> <p>5) professional development should place high priority on improving teachers’ understanding of fractions and of how to teach them.</p> <ul style="list-style-type: none"> • Review of the research and levels of evidence • Practical research based strategies for implementing recommendations • Potential Roadblocks and Solutions <p>Regional expert will share current practices in the field used by SEAs and how they align or not with the practice guide recommendation– Dr. Lesley Lee</p> <p><u>Objectives include:</u></p> <p>1) detailed explanation for recommendations 4 and 5 from the Practice Guide</p> <p>2) review of the research supporting each recommendation and their levels of evidence, including limitations of the supporting research for each of the recommendations</p> <p>3) provide practical examples for participants about how each recommendation can be implemented</p> <p>4) provide detailed examples of roadblocks for implementing each recommendation and suggestions for how participants can overcome the roadblocks.</p> <p>5) discuss current practices in the region and their alignment to the recommendations</p> <p><u>Structure:</u> this portion of the keynote will be done via PowerPoint</p> <p><u>Resource:</u> hardcopy of the practice guide and copy of the PowerPoint presentation will be disseminated as a resource for participants to use.</p>
2:40-3:00 pm	<p>Q&A on Recommendations 4 and 5: Dr. Dr. Lesley Lee and Dr. Yukari Okamoto</p> <p><u>Objectives include:</u></p> <p>1) provide structured opportunity for participants to dialog with experts and ask specific questions to clarify their understanding of the research supporting each recommendation</p>

	<p>2) provide structured opportunity for participants to dialog with expert and ask specific questions to clarify the implication of the recommendations for their practice <u>Structure:</u> participants will work in mixed small groups of 5-8. The small groups will be given 10 minutes to discuss the key note presentation of the first three recommendations and then compile questions. Each small group will then select one question to pose to the expert or the respondent for their response. The presenters will then respond to one question from each of the small groups. The remaining questions will be posted in the Webinar chat area for the presenter to respond to at a later time. REL Pacific staff will circulate among the small groups to provide guidance and ensure they are on task. <u>Resources:</u> participants groups will be provided access to a laptop in order to record their group question. They can also refer to their copy of the practice guide and keynote PowerPoint presentation to support them in formulating questions.</p>
3:00-3:30 pm	<p>Small Group Activity: Contextualizing Recommendations and Implications for Practice Small Group Discussion Prompts: 1) How do the recommended strategies converge/diverge from your experience of what works in fractions instruction? 2) Could each recommendation be applied in your context as is? Would they require modification? If so how? 3) What next steps would you take to implement the recommendations in your work? What is something you could do in the next month? 4) What follow-up support would you require to implement the recommendations? <u>Objectives include:</u> 1) provide opportunities for participants to dialog and share with each other their current practices in relation to the recommendations from the practice guide 2) provide opportunities for participants to rethink their existing practice and share specific examples of how they would consider changing their practices based on the research and recommendations from the practice guide 3) solicit specific follow-up support needs of participants regarding the implementation of the recommendations from the practice guide <u>Structure:</u> participants will work in SEA teams of 5-8. The small groups will be given 30 minutes to discuss the questions. Each group will appoint a recorder to document their discussions. Each small group will then select one key point to share with the expert and the larger group. At least one REL Pacific staff will be with each of the small groups to provide guidance and ensure they are on task. All the group documents will be collected and reviewed by REL Pacific staff. Follow-up requests in particular will be compiled, vetted, and used to develop follow-up support plans to ensure participants requests for support are attended to. <u>Resources:</u> participants will be provided a laptop in order to record their key points to share with the larger group and the presenter. They can also refer to their copy of the practice guide and keynote PowerPoint presentation to support them in their discussions.</p>
3:30-4:30 pm	<p>Groups Present out Key Ideas from small group discussions followed by expert feedback/responses. <u>Objectives include:</u> 1) provide opportunities for small groups to share their current practices, needs, and next steps to larger group and get feedback from experts <u>Structure:</u> Each small group will select one key point based on their discussion of the four questions to share with the expert and the larger group. The experts will then respond to each small groups key points and add additional insight. <u>Resources:</u> participants share their small group responses documented on Elluminate</p>

	<i>whiteboard. A microphone will be circulated so all participants can hear the key points from each small group clearly.</i>
4:30-4:45pm	<p>Summary and Possible Next Steps – Destin Penland, REL Pacific Bridge Event Coordinator, will discuss possible next steps for the SEAs and how REL Pacific can support their efforts to implement the research based recommendations.</p> <p><u>Objectives include:</u></p> <ol style="list-style-type: none"> 1) provide overview of the session and summary of the key topics discussed 2) review of possible areas for follow-up support from REL Pacific <p><u>Structure:</u> introduction will presented to the large group via Elluminate</p> <p><u>Resources:</u> documents generated during small group activities (questions, key points, and requests for follow-up support) will be referenced</p>
4:45-5:00pm	<p>Closing; participant complete Bridge Event rating form</p> <p><u>Objectives include:</u></p> <ol style="list-style-type: none"> 1) have each participant complete rating form <p><u>Structure:</u> participants work individually</p> <p><u>Resources:</u> IES Bridge Event rating form</p>