



Constructive Conversation Secondary Placemat – Integrated ELD/Math

Goal: Students independently build up ideas (Knowledge, agreement, solution) using these skills

Features of Conversations with Hand Motions	Prompts for Using the Features	Prompts for Responding								
<p style="text-align: center;">Create</p> <p>Clarify problem and ideas for solving it</p> <p>(Put hands over head, open and close them, as if an idea is coming out of your head)</p> 	<p style="text-align: center;">A</p> <ul style="list-style-type: none"> • What is the problem asking? • How does the problem begin? • What do we need to know? • What patterns do we notice? 	<p style="text-align: center;">B</p> <ul style="list-style-type: none"> • In other words... • More specifically, it is... because... • It is important to ____ because... • I noticed... 								
<p style="text-align: center;">Clarify</p> <p>Discuss Representations and Models</p> <p>(Place hands over eyes as if focusing binoculars)</p>	<p style="text-align: center;">A</p> <ul style="list-style-type: none"> • How else can we show this? • How can we draw or graph this? • How can we explain this to others? • What symbols can we use? 	<p style="text-align: center;">B</p> <ul style="list-style-type: none"> • I think it means that ... • In other words... • More specifically, it is ... because... • It sounds like you think that... 								
<p style="text-align: center;">Fortify</p> <p>Explain and Support Reasoning</p> <p>(Place your hand palm down as if putting an idea on the table, and use the fingertips of the other hand to support the palm)</p> 	<p style="text-align: center;">A</p> <ul style="list-style-type: none"> • Can you explain why you? • What does that mean? • Why do you...? • What math rule are you using? • How did you get this answer? • Can you give an example? • How does the sample problem help us? 	<p style="text-align: center;">B</p> <ul style="list-style-type: none"> • If we ____, then we need to ____ because... • A key math principle is making sure that you.... • In math, we always need to... • Let me show you what I mean... 								
<p style="text-align: center;">Negotiate</p> <p>Use Multiple Methods for Solving</p> <p>(Put your hands out by your shoulders, palms up. Move them up and down like a scale)</p> <table border="1" style="width: 100%; text-align: center; margin-top: 10px;"> <tr> <td style="padding: 2px;">Visual</td> <td style="padding: 2px;">Verbal</td> <td style="padding: 2px;">Symbols</td> <td style="padding: 2px;">Objects</td> </tr> <tr> <td style="height: 15px;"> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	Visual	Verbal	Symbols	Objects					<p style="text-align: center;">A</p> <ul style="list-style-type: none"> • What are other ways to solve this? • Which method is most useful? Why? • What do you think about this strategy for solving it? 	<p style="text-align: center;">B</p> <ul style="list-style-type: none"> • A different way to solve this is... • This methods works because... • Let's try this and see what happens.
Visual	Verbal	Symbols	Objects							

Note: For additional language prompts, please refer to the Conversation Skills Poster.

Modified from: Zwiers, O'Hara, & Pritchard (2014)

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