

## Group Roles

Collaborative groups benefit from clear roles for their members. Here are some sample role cards, with questions for each role to ask their team. A poster of these roles could be posted in the room to support daily student interactions. These questions could also be modified to fit the particular work of the day. Group Roles can be a focus of Participation Quizzes or Groupwork Feedback.

<p><b>Questioner</b></p> <p>Keep track of questions that the group has as you work on the math problem.</p> <ul style="list-style-type: none"> <li>❖ <i>What was your question?</i></li> <li>❖ <i>What do you mean by that?</i></li> </ul>	<p><b>Director</b></p> <p>Make sure everyone is participating in the math work.</p> <ul style="list-style-type: none"> <li>❖ <i>What do you think?</i></li> <li>❖ <i>What do you mean by that?</i></li> </ul>
<p><b>Illustrator</b></p> <p>Draw diagrams, tables, or other illustrations that show what the group is doing with the problem.</p> <ul style="list-style-type: none"> <li>❖ <i>Is this what you were thinking?</i></li> <li>❖ <i>What do you mean by that?</i></li> </ul>	<p><b>Connector</b></p> <p>Make connections between what people in the group think and say.</p> <ul style="list-style-type: none"> <li>❖ <i>How does this idea connect to that idea?</i></li> <li>❖ <i>What do you mean by that?</i></li> </ul>

*Adapted from Literature Circles.*

<p><b>Resource Manager</b></p> <p>Call the teacher over when your team is stuck. Make sure that all questions are team questions.</p> <ul style="list-style-type: none"> <li>❖ <i>What team question can we ask the teacher?</i></li> <li>❖ <i>Are we sure that no one here can answer the question?</i></li> </ul> <p>Do not let your team stay stuck! Get materials your team needs for a task, and organize the cleanup effort.</p>	<p><b>Facilitator</b></p> <p>Make sure your team understands the entire task before you begin.</p> <ul style="list-style-type: none"> <li>❖ <i>Who wants to read? Does everyone understand what we are being asked to do?</i></li> </ul> <p>Keep your team together, and keep track of time.</p> <ul style="list-style-type: none"> <li>❖ <i>Are we all ready to move on to the next problem?</i></li> <li>❖ <i>We need to finish this part in 5 minutes, so we have time for...</i></li> </ul>
<p><b>Recorder/Reporter</b></p> <p>Help your team organize their written work. The work needs to show everyone's ideas and be well organized. Use color, arrows, and other math tools to communicate your mathematics, reasons, and connections.</p> <ul style="list-style-type: none"> <li>❖ <i>How can we show that on the graph?</i></li> <li>❖ <i>How can we show that connection?</i></li> <li>❖ <i>Did everyone write that down?</i></li> </ul>	<p><b>Team Captain</b></p> <p>Make sure your team is following the class norms, and that everyone's ideas are heard. Make sure that all talking is within your team and is helping you accomplish the task. Eliminate side conversations.</p> <ul style="list-style-type: none"> <li>❖ <i>Does anyone see it in a different way?</i></li> <li>❖ <i>Let's hear from _____.</i></li> </ul>

*Adapted from College Preparatory Mathematics (CPM).*