

Group Roles

(modified from <http://groups.physics.umn.edu/physed/Research/CGPS/roles.html>)

In this course, you will be working in **cooperative** groups. To help you learn the material and work together effectively, each group member will be assigned a specific role. Your responsibilities for each role is defined on the chart below. Groups will preferably have **3 to 4** members of mixed-ability students and will be formed by the teacher based on prior assessments.

Actions	What it sounds like
<p><u>Manager</u></p> <ul style="list-style-type: none"> • Direct the sequence of steps. • Keep your group "on-track." • Make sure everyone in your group participates. • Watch the time spent on each step. • Make sure the group follows the instructions • make sure group members rotate at the computer • Watch the time! 	<p>"First, we need to draw a picture of the situation."</p> <p>"Now we need to draw a motion diagram and define our symbols."</p> <p>"Let's come back to this later if we have time."</p> <p>"We only have 5 minutes left. Let's finish the algebra solution."</p> <p>"Chris, what do you think about this idea?"</p>
<p><u>Recorder/Checker</u></p> <ul style="list-style-type: none"> • Record your group's problem solution. • Make sure all members of your groups are keeping their own notes • Check for understanding of all members. • Make sure all members of your group agree on plans and actions. • Make sure names are on group products. 	<p>"Is this where you wanted the it on the diagram?"</p> <p>Does everyone agree this algebra is correct?</p> <p>"Explain why you think that ...?"</p> <p>"Do we agree that this term is zero?"</p>
<p><u>Skeptic</u></p> <ul style="list-style-type: none"> • Help your group avoid coming to agreement too quickly by: <ul style="list-style-type: none"> ◦ Make sure all possibilities are explored. ◦ Suggest alternative ideas. 	<p>"Why do you think this moves with a constant acceleration?"</p> <p>I'm not sure we're on the right track here. Let's try to look at this another way..."</p> <p>"Why?"</p>
<p><u>Energizer/ Summarizer</u></p> <ul style="list-style-type: none"> • Keep track of different positions of group members and summarize before deciding. • Summarize (restate) your group's discussion and conclusions. 	<p>"We can do this!"</p> <p>"Chris thinks we should ..., while Pat thinks we should ..." Are these really different?</p> <p>"So here's what we've decided so far..."</p>