

Process Oriented Guided Inquiry Learning

POGIL Role (pronounced poh-gul)

Team Learning - optimized

Research has shown that students who work together learn more, understand more, remember more, and acquire essential collaboration skills.

At times we will use team based activities to learn new topics.

The teams will be 3 to 4 students, and each student will have a distinct role:

- Manager
- Spokesperson
- Recorder
- Strategy analyst

Roles will rotate each week

POGIL Role - Manager

- Ensure the team stays focused and on task
 - Assign tasks for collecting and distributing materials as needed
 - Assign roles for subtasks as they come up (research, alternative solution, etc)
- Takes care of time management
 - Watches the clock and communicates about deadlines
 - "I think we need to focus on _____ so we complete this section on time"
 - "We have ____ time left, maybe we should shift focus"
- Makes sure all voices are heard
 - Addresses team members by name and allows for everyone to contribute
 - Assigns different members to read sections on a rotating basis
 - "(Name), What do you think about?"

POGIL Role - Spokesperson

- Communicates team questions and answers with the teacher or other teams.
(this is the only team member allowed to ask questions from others)
 - "Our team is confused about what this question is asking"
 - "Our team thinks that this answer is ____, what do you think?"
- Ensures all team members have had a chance to respond before asking outsiders
 - "Before I ask David, we need to hear from everyone"
- Ensures that everyone on the team agrees with what to ask
- Presents the conclusions of the team to the class as requested

POGIL Role - Coder

- Is the only person allowed to write code during that activity
- Records the names and roles of the group members at the beginning of each activity
- Confirms the answers to the Activity questions, so everyone has the same answer
- Maintains the group log of the important concepts learned during the session

POGIL Role - Strategy Analyst

- Guides in consensus-building process so everyone agrees on solutions to questions
 - "Do we all agree that ___ is a good answer for this question?"
 - "Can you rephrase what you just said so I make sure we understand"
- Watches team dynamics and behaviors
 - Is everyone in the team participating?
 - Are team members listening carefully to each other?
 - Are team members being patient of one another?
- Be ready to report on how the team is operating
 - During class discussion at the end of the lesson
 - In feedback survey at the end of lesson