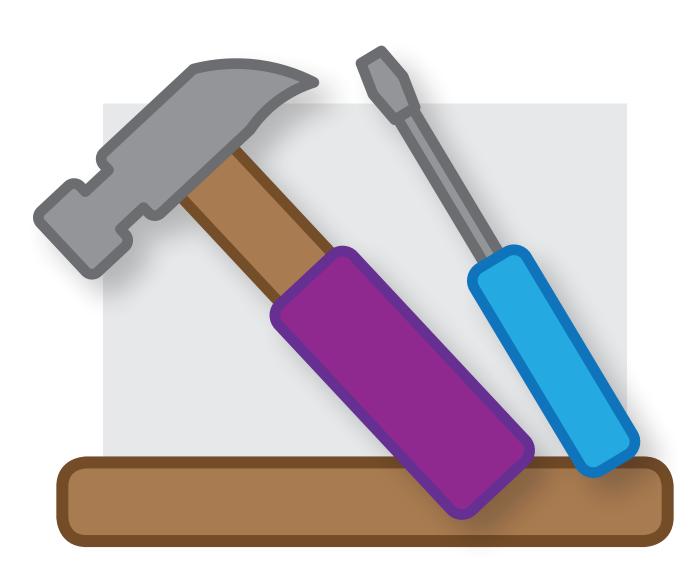


Scientists and Engineers in Our Classroom: Group Roles



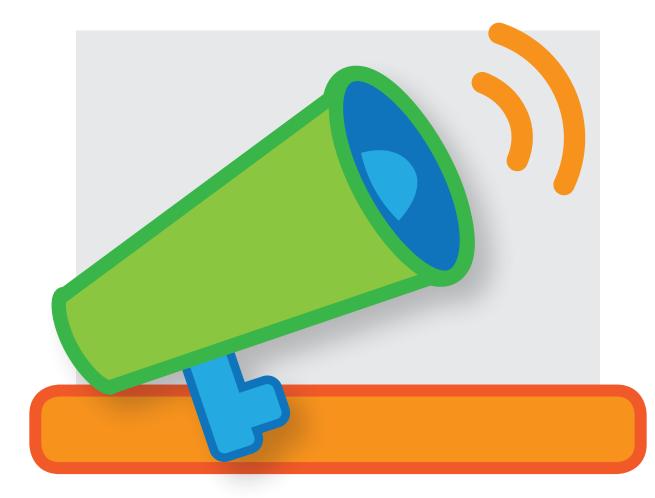
Builder

Takes the lead in putting together materials.



Messenger

Asks questions of the teacher for the group.



Speaker

Shares the group's final work or ideas with the whole class.



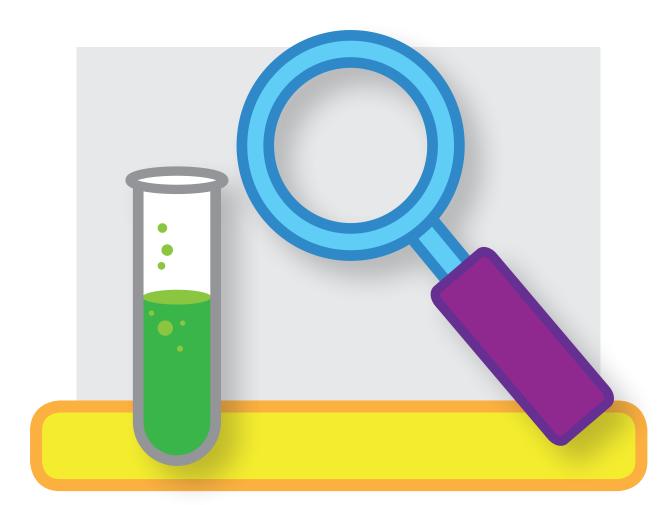
Gardener/Zookeeper

Makes sure live organisms are cared for and treated with respect.



Organizer

Makes sure group members work together and complete work on time.



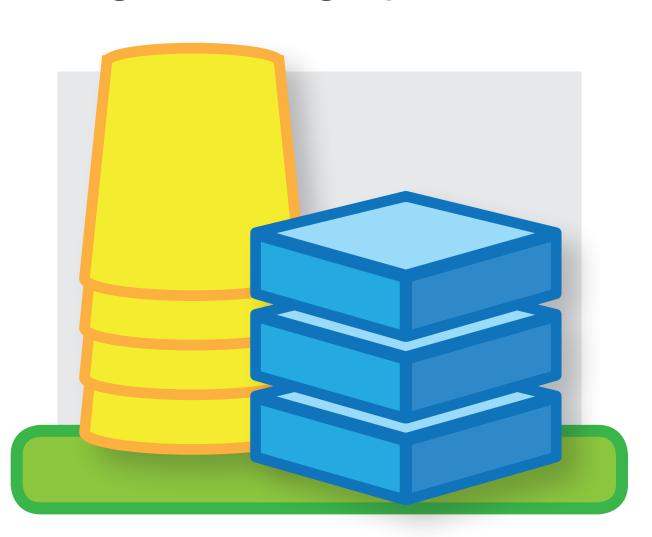
Tester

Takes the lead in carrying out investigations and testing designs.



Artist

Draws any sketches, diagrams, or graphs.



Materials Manager

Collects, cleans up, and puts away materials neatly.



Recorder

Writes down data, observations, and explanations.



Questioner

Asks questions of group members to make sure all points of view are considered.